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RESEARCH MEMORANDUM

for the

Air Materiel Command, U. S. Air Force

AN INVESTIGATION OF A FULL-SCALE MODEL OF THE REPUBLIC

XF-91 AIRPLANE IN THE AMES 40- BY 80-FOOT

WIND TUNNEL.— PRESSURE DATA

By Lynn W. Hunton and Joseph K. Dew

Ames Aeronautical Laboratory
Moffett Field, Calif.

To

AMERICAN AVIATION

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AN INVESTIGATION OF A FULL-SCALE MODEL OF THE REPUBLIC

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SUMMARY

Wind-tunnel tests of a full-scale model of the Republic XF-91 airplane were conducted to determine the distribution of pressure over the external wing fuel tank installation and over the vee tail and ventral fin. The data were obtained for a range of angles of attack and sideslip and eлерudder deflection angles; the presentation is in tabular form.

INTRODUCTION

At the request of the Air Materiel Command, U. S. Air Force, an investigation of a full-scale model of the Republic XF-91 interceptor fighter having swept-back wings and a vee tail has been conducted in the Ames 40- by 80-foot wind tunnel. In reference 1 were reported the results of tests made to determine the general aerodynamic characteristics of the wing alone and of the wing-fuselage combination. In reference 2, the results of the stability and control tests of the complete model were presented.

Fuel for the four rockets used for take-off and for climb to combat altitude is stored in two relatively large jettisonable tanks mounted on struts beneath the wing. Since the interference and induction effects attendant with wing-tank installations of this type often

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result in a rather low critical Mach number for the airplane, measurements were made of the distribution of pressure over the tank, support strut, and area of wing and fuselage in the vicinity of the tank. In addition, pressure measurements were made over the vee tail to provide data useful for a study of the critical speed of the airplane as affected by the tail juncture and for structural-design purposes. The results of these pressure-distribution tests are given herein in tabular form. No analysis or discussion of the results is presented.

SYMBOLS

Symbols used in the present report are defined as follows:

- P static-pressure coefficient $\left(\frac{p_l - p}{q} \right)$
p free-stream static pressure, pounds per square foot
 p_l local static pressure, pounds per square foot
q free-stream dynamic pressure, pounds per square foot
 α geometric angle of attack of fuselage thrust axis with reference to wind-tunnel center line, degrees
 α_t angle of attack corrected to free-stream conditions, degrees
(Measured with respect to the fuselage center line.)
 β angle of sideslip, degrees
(Right wing forward is the positive direction.)
 δ_e eлерudder deflection angle measured in a plane perpendicular to the hinge line, degrees
(Eлерudder trailing edge down is the positive direction)
c local chord, feet

DESCRIPTION OF MODEL AND APPARATUS

The model had swept-back (37.5°) and inversely tapered (1.63) wings, a swept-back vee tail, and was equipped with two external wing fuel tanks. A three-view drawing of the model is given in figure 1. Detailed dimensions of the complete model including the section ordiates for the wing are given in reference 2.

The jettisonable rocket-fuel tanks had a fineness ratio of 8.1 and were mounted on faired struts beneath the wings at 0.38-semispan locations. The angle of incidence of the tank to the wing-chord plane was -4° . Tables of ordinates for the tanks and tank-strut fairings are given in table 1; detailed dimensions, orifice locations, and orifice-location keys are given in figure 2. The orifice locations for the area of the fuselage in the vicinity of the tank are shown in figure 3. All pressure measurements were made on and in the vicinity of the left tank.

The untapered vee tail was swept back 40° when projected on a horizontal plane, had 38° of dihedral, and had 30-percent-chord internally sealed and balanced elerudders. The effective balance area was 29 percent of the elerudder area aft of the hinge line. The orifices on the tail, as shown in figure 4, were located at 12 spanwise stations on the left surface. The tail-section ordinates are contained in table 1.

The left side of the ventral fin was instrumented with pressure orifices located at six fuselage stations as shown in figure 5.

TESTS AND RESULTS

The pressure measurements on the left tank, strut, and adjacent areas of wing and fuselage were made with all control and auxiliary lift devices neutral. These measurements were obtained through a range of angles of both attack and sideslip. For the pressure tests of the left tail and ventral fin the fuel tanks were removed from the model. Tests were made through a range of (1) angles of attack at fixed angles of sideslip, (2) angles of sideslip at fixed angles of attack, (3) angles of attack with fixed elerudder deflection angles and, (4) elerudder deflection angles at fixed angles of attack and sideslip.

All tests were made at a dynamic pressure of 40 pounds per square foot which corresponds to a test Reynolds number of 11.5×10^6 (based on the wing mean aerodynamic chord of 10.59 ft). The wing and tail incidences with respect to the fuselage thrust axis were 0° for all tests.

The values of angle of attack given in the tables of this report have not been corrected for the effects of either tunnel-wall interference or the inclination of the air stream. The true angle of attack α_t may be found in figure 6 wherein the corrected angle of attack is given as a function of the geometric angle of attack α .

All the results are presented in the form of the pressure

coefficient P. Outlined in table 2 are the test conditions investigated together with the number of the table in which the data are given. Tables 3 and 4 contain the pressure data results pertaining to the fuel tank installation while in tables 5 through 10 are given the results of the pressure measurements over the tail and ventral fin.

Most of the tail and ventral-fin data were reduced to pressure-coefficient form by machine and are considered free from computation error. However, individual points are subject to personal errors in reading and key punching. All data have been spot checked, and lines have been drawn through the data believed to be doubtful.

The tail-strut support was attached to the fuselage just ahead of the ventral fin at fuselage station 417. Consequently, the flow over the lower portion of the ventral fin may have been spoiled to some extent.

Ames Aeronautical Laboratory,
National Advisory Committee for Aeronautics,
Moffett Field, Calif.

REFERENCES

1. Hunton, Lynn W. and Dew, Joseph K.: An Investigation of the Wing and the Wing-Fuselage Combination of a Full-Scale Model of the Republic XP-91 Airplane in the Ames 40- by 80-Foot Wind Tunnel. NACA RM No. SA8F09, 1948.
2. Hunton, Lynn W. and Dew, Joseph K.: Test of a Full-Scale Model of the Republic XF-91 Airplane in the Ames 40- by 80-Foot Wind Tunnel.— Force and Moment Data. NACA RM No. SA9C04, 1949.

TABLE 1.-- TANK, STRUT, AND VEE-TAIL SECTION DIMENSIONS

EXTERNAL TANK	
x/c Percent	Radius/c Percent
0	0
.096	.233
.192	.333
.385	.477
.769	.684
1.923	1.126
3.846	1.668
7.692	2.513
15.385	3.797
23.077	4.759
30.769	5.461
38.462	5.917
48.077	6.146
57.692	5.984
67.308	5.412
76.923	4.404
86.538	2.927
100.000	.000
L.E. Radius = 0.335 percent c	

TANK STRUT	
x/c Percent	y/c Percent
0	0
.5	.551
.75	.674
1.25	.868
2.5	1.218
5.0	1.695
7.5	2.040
10	2.315
20	3.031
30	3.389
40	3.500
50	3.392
60	3.079
70	2.572
80	1.881
90	1.017
100	0
L.E. Radius = 0.394 percent c T.E. Radius = 0	

VEE TAIL	
x/c Percent	y/c Percent
0	0
.5	.788
.75	.964
1.25	1.240
2.5	1.740
5.0	2.421
7.5	2.915
10	3.307
15	3.903
20	4.330
25	4.635
30	4.841
35	4.961
40	5.000
45	4.960
50	4.839
55	4.635
60	4.347
65	3.979
70	3.536
75	3.078
80	2.583
85	2.007
90	1.369
95	.605
96	.558
98	.280
100	0
L.E. Radius = 0.625 percent c T.E. Angle = 16.11°	

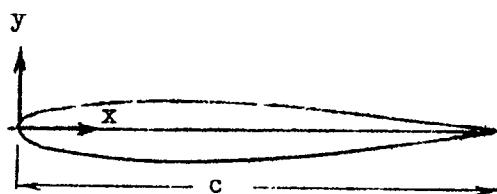


TABLE 2.- INDEX TO PRESSURE-DISTRIBUTION DATA

Source of data	Variable	Fixed condition	Table No.
Tank, strut, and adjacent area	α β	$\beta = 0^\circ$ $\alpha = 0^\circ$	3 4
Tail and ventral fin	α	$\beta = 0^\circ$ $\beta = -4^\circ$ $\beta = -8^\circ$	5(a) 5(b) 5(c)
	β	$\alpha = 0^\circ$ $\alpha = 6^\circ$ $\alpha = 12^\circ$	6(a) 6(b) 6(c)
	α	$\delta_e = 8^\circ$ $\delta_e = -8^\circ$ $\delta_e = -16^\circ$	7(a) 7(b) 7(c)
	δ_e	$\alpha = 0^\circ \quad \beta = 0^\circ$ $\alpha = 6^\circ \quad \beta = 0^\circ$ $\alpha = 12^\circ \quad \beta = 0^\circ$ $\alpha = 0^\circ \quad \beta = -8^\circ$ $\alpha = 12^\circ \quad \beta = -8^\circ$ $\alpha = 0^\circ \quad \beta = 8^\circ$ $\alpha = 12^\circ \quad \beta = 8^\circ$	8(a) 8(b) 8(c) 9(a) 9(b) 10(a) 10(b)

TABLE 3.- PRESSURE COEFFICIENTS OVER THE TANK, STRUT
AND ADJACENT AREA FOR THE MODEL IN PITCH. $\beta, 0^\circ$.

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 1$	$\alpha = 2$	$\alpha = 3$	$\alpha = 4$	$\alpha = 5$	$\alpha = 6$
0-U-S	1.00	0.96	0.89	0.82	0.72	0.53	0.41	0.23
2.85-UI-S	-.48	-.20	-.08	.03	.13	.26	.35	.44
7.9-UI-S	-.53	-.33	-.26	-.18	-.09	0	.08	.15
15-I ₁ -S	-.31	-.23	-.20	-.19	-.16	-.15	-.12	-.12
15-I ₅ -S	-.53	-.41	-.36	-.31	-.26	-.18	-.13	-.08
75-UI-S	-.18	-.17	-.16	-.16	-.16	-.16	-.15	-.15
100-U-S	.08	.09	.09	.09	.09	.10	.11	.11
75-U0-S	-.31	-.27	-.26	-.23	-.22	-.21	-.18	-.16
40-U0-S	-.38	-.31	-.30	-.27	-.26	-.23	-.20	-.19
15-U0-S	-.49	-.35	-.32	-.28	-.22	-.19	-.13	-.09
7.9-U0-S	-.34	-.21	-.20	-.16	-.12	-.10	-.05	-.03
2.85-U0-S	-.30	-.19	-.22	-.20	-.19	-.19	-.15	-.13
15-UI-S	-.66	-.51	-.45	-.39	-.32	-.25	-.18	-.12
15-I ₂ -S	-.05	-.03	-.03	-.01	-.01	-.01	-.01	-.01
15-I ₃ -S	-.59	-.45	-.39	-.34	-.27	-.21	-.15	-.09
15-I ₄ -S	-.53	-.41	-.35	-.30	-.24	-.18	-.12	-.08
40-UI-S	-.49		-.42	-.39	-.36	-.34	-.31	-.29
15-LI-S	-.51		-.32	-.27	-.22	-.15	-.11	-.05
0-L-S	1.00	.93	.88	.82	.74	.60	.51	.37
2.85-LI-S	-.42	-.23	-.12	-.05	.04	.15	.22	.29
7.9-LI-S	-.52	-.36	-.28	-.22	-.15	-.07	-.01	.05
40-LI-S	-.47	-.41	-.39	-.36	-.34	-.31	-.28	-.25
75-LI-S	-.21	-.19	-.19	-.18	-.18	-.18	-.16	-.16
100-L-S	.04	.07	.07	.08	.08	.08	.09	.09
75-LO-S	-.31	-.27	-.26	-.23	-.22	-.21	-.18	-.17
40-LO-S	-.47	-.37	-.34	-.31	-.27	-.25	-.20	-.17
15-LO-S	-.31	-.23	-.22	-.18	-.15	-.12	-.08	-.05
7.9-LO-S	-.27	-.21	-.20	-.18	-.16	-.15	-.12	-.11
2.85-LO-S	-.30	-.29	-.31	-.32	-.31	-.34	-.31	-.32
0-O-T	-.19	-.13	-.11	-.09	-.08	-.05	-.04	-.03
1.25-0-T	.31	.25	.23	.20	.18	.16	.13	.11
1.25-90-T	.08	.13	.15	.15	.16	.16	.16	.16
1.25-180-T	.04	.12	.13	.16	.19	.22	.24	.28
1.25-270-T	.21	.23	.23	.24	.23	.23	.23	.23
2.5-0-T	.21	.16	.16	.13	.11	.10	.08	.05
2.5-45-T	.12	.12	.12	.11	.11	.10	.08	.07
2.5-90-T	.03	.08	.08	.09	.09	.10	.09	.09
2.5-135-T	-.01	.04	.05	.08	.09	.11	.12	.13
2.5-180-T	-.01	.05	.07	.09	.12	.14	.16	.19

TABLE 3 - CONTINUED

ORIFICE	$\alpha = 8$	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	$\alpha = 16$	$\alpha = 18$	$\alpha = 20$
0-U-S	-0.29	-0.81	-1.40	-1.49	-0.83	-1.37	-1.13
2.85-UI-S	.60	.75	.85	.93	.97	.94	.95
7.9-UI-S	.29	.42	.53	.62	.71	.66	.67
15-I ₁ -S	-.05	-.07	.08	.06	.09	.11	.14
15-I ₅ -S	.01	.14	.23	.32	.39	.35	.36
75-UI-S	-.15	-.12	-.11	-.10	-.10	-.25	-.35
100-U-S	.10	.11	.11	.10	.06	-.20	-.35
75-U0-S	-.14	-.10	-.05	-.01	.01	-.08	-.11
40-U0-S	-.14	-.05	0.	.08	.16	.09	.08
15-U0-S	-.03	.07	.12	.24	.16	.23	.22
7.9-U0-S	.01	.10	.14	.08	-.07	.06	.02
2.85-U0-S	-.14	-.08	-.07	-.21	-.22	-.25	-.24
15-UI-S	0.	.12	.23	.33	.42	.37	.38
15-I ₂ -S	0.	.01	.03	.03	.03	.02	.02
15-I ₃ -S	.01	.14	.23	.33	.41	.37	.38
15-I ₄ -S	.03	.14	.23	.33	.41	.37	.38
40-UI-S	-.25	-.18	-.12	-.07	-.03	-.11	-.16
15-LI-S	.04	.15	.25	.33	.41	.37	.38
0-L-S	-.07	-.41	-.88	-1.39	.14	-.52	-.63
2.85-LI-S	.45	.59	.70	.79	.84	.83	.84
7.9-LI-S	.18	.31	.42	.53	.59	.57	.57
40-LI-S	-.21	-.14	-.08	-.01	.03	-.05	-.08
75-LI-S	-.15	-.12	-.11	-.08	-.09	-.22	-.32
100-L-S	.10	.12	.12	.14	.12	.03	-.05
75-LO-S	-.14	.10	-.05	-.01	.01	-.06	-.11
40-LO-S	-.12	-.03	.03	.10	.17	.12	.13
15-LO-S	-.03	.05	.10	.15	-.01	.18	.19
7.9-LO-S	-.11	-.04	-.03	.01	-.16	-.05	.03
2.85-LO-S	-.40	-.37	-.38	-.39	-.19	-.45	-.46
0-O-T	-.04	.01	.05	.11	.13	.14	.16
1.25-O-T	.04	.01	-.04	-.08	-.13	-.14	-.16
1.25-90-T	.12	.12	.08	.04	-.04	-.06	-.11
1.25-180-T	.31	.38	.44	.50	.55	.60	.65
1.25-270-T	.21	.18	.14	.08	0.	-.05	-.10
2.5-O-T	0.	-.01	-.05	-.08	-.13	-.12	-.13
2.5-45-T	.03	-.01	-.04	-.10	-.16	-.18	-.22
2.5-90-T	.07	.05	.03	-.01	-.09	-.12	-.17
2.5-135-T	.15	.18	.19	.19	.20	.23	.24
2.5-180-T	.23	.29	.23	.37	.43	.49	.54

TABLE 3.- CONTINUED.

Orifice	$\alpha = -2$	$\alpha = 0$	$\alpha = 1$	$\alpha = 2$	$\alpha = 3$	$\alpha = 4$	$\alpha = 5$	$\alpha = 6$
2.5-225-T	0.03	0.09	0.11	0.12	0.15	0.16	0.18	0.20
2.5-270-T	.11	.15	.15	.16	.15	.15	.15	.15
2.5-315-T	.22	.19	.18	.16	.13	.12	.11	.09
7-0-T	.11	.08	.07	.05	.04	.03	.01	0
7-45-T	.04	.04	.04	.04	.04	.03	.03	.01
7-90-T	-.01	.03	.03	.03	.04	.03	.04	.03
7-135-T	.44	.56	.51	.36	.46	.44	.45	.44
7-180-T	-.03	.03	.04	.05	.08	.08	.11	.12
7-225-T	-.01	.03	.04	.07	.08	.10	.11	.12
7-270-T	.03	.07	.07	.08	.08	.08	.08	.08
7-315-T	.11	.11	.11	.09	.08	.07	.04	.04
10-0-T	.11	.08	.08	.07	.05	.04	.03	.03
10-45-T	.01	.04	.04	.04	.03	.03	.03	.01
10-90-T	-.03	.03	.03	.03	.03	.03	.03	.03
10-135-T	-.04	.01	.03	.04	.04	.05	.05	.07
10-180-T	-.01	.03	.03	.05	.07	.08	.09	.11
10-225-T	-.03	.03	.04	.07	.08	.10	.11	.12
10-270-T	.01	.05	.05	.07	.05	.07	.07	.05
10-315-T	.08	.07	.05	.05	.04	.03	.01	0
20.5-0-T	.03	.01	.01	.01	0	0	0	0
25-0-T	.04	.04	.04	.04	.04	.04	.04	.04
25-45-T	-.07	-.04	-.03	-.03	-.03	-.01	-.01	-.01
25-90-T	.51	.80	.80	.78	.78	.79	.78	.77
25-135-T	-.05	-.03	-.01	-.01	0	0	.01	.01
25-180-T	-.07	-.04	-.03	-.01	0	.01	.03	.04
25-225-T	-.10	-.04	-.03	-.01	.01	.03	.04	.07
25-270-T	-.10	-.04	-.01	0	.03	.04	.04	.05
25-315-T	-.03	0	.01	.03	.03	.04	.04	.04
30-0-T	.03	.04	.05	.07	.07	.08	.09	.11
36-0-T	.25	.25	.26	.24	.24	.23	.23	.23
36-340-T	.16	.25	.30	.32	.35	.38	.39	.41
39-A0-T	-.27	-.23	-.23	-.22	-.19	-.19	-.18	-.16
39-45-T	-.19	-.12	-.11	-.08	-.05	-.04	0	.01
39-90-T	-.19	-.12	-.11	-.08	-.07	-.05	-.04	-.04
39-135-T	-.12	-.03	-.05	-.04	-.03	-.03	-.01	-.01
39-225-T	-.22	-.16	-.13	-.11	-.09	-.07	-.04	-.01
39-270-T	-.30	-.20	-.16	-.13	-.09	-.07	-.03	0
39-315-T	-.34	-.21	-.15	-.11	-.05	.01	.05	.11
39-AI-T	-.45	-.28	-.20	-.15	-.08	.01	.09	.16
42-AI-T	-.49	-.36	-.28	-.24	-.18	-.11	-.05	0

TABLE 3.- CONTINUED

Orifice	$\alpha = 8$	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	$\alpha = 16$	$\alpha = 18$	$\alpha = 20$
2.5-225-T	.22	.25	.26	.28	.28	.29	.29
2.5-270-T	.12	.10	.08	.02	-.07	-.11	-.16
2.5-315-T	.04	0	-.04	-.10	-.17	-.20	-.22
7-0-T	-.04	-.05	-.08	-.10	-.12	-.11	-.10
7-45-T	-.03	-.03	-.05	-.10	-.16	-.15	-.17
7-90-T	.01	0	-.04	-.08	-.16	-.18	-.22
7-135-T	.41	.42	.42	.42	.42	.43	
7-180-T	.15	.21	.23	.28	.33	.37	.41
7-225-T	.14	.16	.18	.18	.17	.18	.19
7-270-T	.05	.03	0	-.06	-.13	-.17	-.21
7-315-T	0	-.03	-.07	-.11	-.17	-.17	-.19
10-0-T	-.01	-.03	-.04	-.06	-.09	-.05	-.03
10-45-T	-.01	-.04	-.07	-.11	-.17	-.15	-.16
10-90-T	-.01	-.03	-.05	-.13	-.19	-.22	-.25
10-135-T	.07	.10	.10	.10	.09	.11	.13
10-180-T	.15	.19	.23	.26	.32	.35	.38
10-225-T	.14	.16	.16	.18	.17	.18	.19
10-270-T	.03	.01	-.03	-.08	-.17	-.18	-.22
10-315-T	-.04	-.05	-.10	-.14	-.19	-.18	-.19
20.5-0-T	-.01	-.01	0	0	0	.06	.10
25-0-T	.04	.05	.07	.08	.10	.17	.19
25-45-T	-.03	-.03	-.03	-.04	-.04	.02	.03
25-90-T	.51	.52	-.52	.53	.54	.55	.57
25-135-T	.01	.03	.01	.01	-.01	.02	.02
25-180-T	.07	.11	.15	.18	.22	.26	.27
25-225-T	.10	.14	.15	.18	.20	.22	.24
25-270-T	.05	.07	.05	.03	-.03	0	0
25-315-T	.03	.03	.01	0	-.04	.03	.03
30-0-T	.11	.14	.15	.18	.20	.26	.27
36-0-T	.16	.16	.11	.04	.14	.15	.14
36-340-T	.51	.47	.45	.42	.39	.38	.33
39-A0-T	-.16	-.12	-.11	-.06	-.16	-.15	-.11
39-45-T	.03	.07	.08	.07	.03	.05	.05
39-90-T	-.04	-.01	-.03	-.03	-.04	-.01	-.01
39-135-T	-.01	0	0	0	-.01	.01	.01
39-225-T	.01	.07	.12	.17	.20	.18	.19
39-270-T	.07	.12	.18	.24	.26	.25	.25
39-315-T	.19	.29	.36	.43	.46	.46	.46
39-AI-T	.29	.44	.55	.65	.71	.69	.70
42-AI-T	.11	.22	.31	.42	.48	.46	.46

TABLE 3 - CONTINUED

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 1$	$\alpha = 2$	$\alpha = 3$	$\alpha = 4$	$\alpha = 5$	$\alpha = 6$
45-AI-T	-0.32	-0.25	-0.23	-0.20	-0.19	-0.15	-0.12	-0.09
45-315-T	-0.43	-0.36	-0.32	-0.27	-0.23	-0.19	-0.12	-0.08
45-270-T	-0.34	-0.28	-0.24	-0.20	-0.18	-0.15	-0.11	-0.07
45-225-T	-0.28	-0.25	-0.23	-0.20	-0.19	-0.16	-0.13	-0.11
45-135-T	-0.35	-0.29	-0.68	-0.26	-0.23	-0.20	-0.17	-0.15
45-90-T	-0.27	-0.22	-0.20	-0.18	-0.15	-0.13	-0.11	-0.09
45-40-T	-0.32	-0.26	-0.23	-0.19	-0.16	-0.12	-0.08	-0.05
45-0-T	-0.34	-0.28	-0.26	-0.22	-0.19	-0.15	-0.11	-0.05
39-180-T	-0.05	-0.01	0	.01	.03	.04	.05	.07
42-A0-T	-0.27	-0.22	-0.22	-0.18	-0.15	-0.13	-0.09	-0.05
52-A0-T	-0.41	-0.24	-0.32	-0.28	-0.24	-0.20	-0.17	-0.13
52-45-T	-0.35	-0.29	-0.27	-0.23	-0.20	-0.18	-0.13	-0.09
52-90-T	-0.32	-0.28	-0.26	-0.23	-0.20	-0.18	-0.16	-0.13
52-135-T	-0.32	-0.29	-0.28	-0.26	-0.26	-0.23	-0.23	-0.20
100-0-T	.01	.03	.03	.03	.04	.04	.04	.04
52-225-T	-0.35	-0.30	-0.28	-0.27	-0.26	-0.23	-0.21	-0.20
52-270-T	-0.38	-0.32	-0.30	-0.27	-0.26	-0.23	-0.20	-0.18
52-315-T	-0.42	-0.38	-0.35	-0.32	-0.30	-0.27	-0.23	-0.20
52-AI-T	-0.46	-0.41	-0.38	-0.35	-0.32	-0.30	-0.25	-0.23
60-A0-T	-0.38	-0.33	-0.31	-0.28	-0.26	-0.23	-0.20	-0.18
60-AI-T	-0.35	-0.33	-0.32	-0.30	-0.28	-0.27	-0.25	-0.24
70-A0-T	-0.24	-0.21	-0.20	-0.19	-0.16	-0.15	-0.13	-0.12
70-45-T	-0.22	-0.20	-0.19	-0.18	-0.15	-0.13	-0.12	-0.11
70-90-T	-0.16	-0.14	-0.13	-0.13	-0.12	-0.11	-0.09	-0.08
70-180-T	-0.13	-0.13	-0.12	-0.12	-0.11	-0.09	-0.08	-0.07
70-225-T	-0.07	-0.05	-0.05	-0.05	-0.04	-0.04	-0.03	-0.03
70-135-T	-0.16	-0.14	-0.13	-0.13	-0.12	-0.12	-0.11	-0.09
70-270-T	-0.13	-0.12	-0.12	-0.12	-0.11	-0.11	-0.11	-0.09
70-315-T	-0.15	-0.14	-0.13	-0.13	-0.13	-0.12	-0.12	-0.12
70-AI-T	-0.16	-0.16	-0.15	-0.15	-0.15	-0.13	-0.13	-0.13
80-340-T	.03	.03	.03	.05	.05	.05	.05	.07
80-0-T	.01	.01	.03	.03	.04	.04	.04	.05
90-0-T	.03	.04	.04	.04	.05	.05	.05	.07
90-45-T	.04	.04	.04	.04	.05	.04	.04	.04
90-90-T	0	0	0	0	.01	.01	.01	.01
90-135-T	0	0	0	0	.01	.01	.03	.03
90-180-T	0	0	0	0	.01	.01	.03	.03
90-225-T	0	0	0	0	.01	.01	.03	.03

TABLE 3 - CONTINUED

ORIFICE	$\alpha = 8$	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	$\alpha = 16$	$\alpha = 18$	$\alpha = 20$
45-AI-T	-0.07	-0.01	0.04	0.11	0.16	0.17	0.17
45-315-T	-.01	.05	.13	.18	.22	.18	.17
45-270-T	-.01	.04	.10	.15	.19	.17	.16
45-225-T	-.05	-.01	.04	.10	.13	.12	.11
45-135-T	-.12	-.08	-.07	-.07	-.07	-.06	-.05
45-90-T	-.07	-.04	-.03	-.01	-.01	0	.02
45-40-T	-.01	.03	.01	0	-.09	-.09	-.06
45-0-T	-.01	.05	.11	.15	.12	.18	.17
39-180-T	.08	.11	.14	.17	.19	.18	.21
42-AO-T	-.01	.04	.08	.11	-.09	.06	.10
52-AO-T	-.07	0	.06	.13	.20	.15	.14
52-45-T	-.05	0	0	0	-.04	-.02	-.05
52-90-T	-.11	-.05	-.03	0	.03	.02	.02
52-135-T	-.20	-.19	-.19	-.19	-.23	-.25	-.27
100-0-T	.05	.05	.06	.07	.07	.03	.02
52-225-T	-.16	-.12	-.08	-.06	-.03	-.06	-.08
52-270-T	-.13	-.08	-.04	.01	.04	0	-.03
52-315-T	-.15	-.08	-.03	.04	.09	.02	-.02
52-AI-T	-.16	-.11	-.04	.01	.07	.02	-.02
60-AO-T	-.12	-.07	-.03	.03	.09	.03	.02
60-AI-T	-.20	-.16	-.13	-.08	-.07	-.15	-.22
70-AO-T	-.08	-.05	-.03	0	.03	-.06	-.10
70-45-T	-.07	-.04	0	.03	0	-.06	-.13
70-90-T	-.05	-.04	-.03	0	0	-.05	-.06
70-180-T	-.04	-.03	0	.01	.01	-.02	-.08
70-225-T	0	0	0	.01	.01	-.02	-.05
70-135-T	-.07	-.04	-.03	0	.01	-.05	-.08
70-270-T	-.08	-.07	-.06	-.04	-.04	-.15	-.25
70-315-T	-.09	-.08	-.07	-.06	-.06	-.18	-.30
70-AI-T	-.11	-.10	-.11	-.07	-.07	-.22	-.32
80-340-T	.07	.08	.10	.10	.09	-.02	-.10
80-0-T	.07	.08	.08	.08	.07	-.03	-.11
90-0-T	.08	.08	.08	.08	.07	.02	-.05
90-45-T	.05	.07	.08	.08	.07	0	-.06
90-90-T	.04	.05	.06	.07	.07	-.03	-.11
90-135-T	.04	.05	.06	.07	.06	-.03	-.08
90-180-T	.04	.05	.06	.07	.04	-.06	-.11
90-225-T	.05	.05	.07	.08	.06	-.08	-.21

TABLE 3 - CONTINUED

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 1$	$\alpha = 2$	$\alpha = 3$	$\alpha = 4$	$\alpha = 5$	$\alpha = 6$
90-270-T	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.05
90-315-T	.04	.04	.05	.05	.05	.07	.07	.07
99-F	-.09	-.03	.01	.05	.08	.09	.13	.15
103-F	-.20	-.13	-.08	-.05	-.01	.01	.04	.08
106-F	-.24	-.17	-.12	-.08	-.04	0	.04	.08
108-F	-.30	-.23	-.18	-.15	-.09	-.08	-.03	0
109-F	-.30	-.24	-.20	-.16	-.13	-.09	-.07	-.03
114-F	-.30	-.27	-.23	-.20	-.18	-.15	-.12	-.08
1-15W-L	-.24	-.12	-.04	.01	.08	.12	.20	.25
1-20W-L	-.24	-.13	-.07	-.01	.04	.09	.15	.20
1-25W-L	-.26	-.16	-.11	-.05	0	.04	.11	.15
1-30W-L	-.30	-.20	-.15	-.08	-.04	0	.04	.09
1-40W-L	-.34	-.25	-.20	-.16	-.12	-.08	-.03	.01
1-50W-L	-.35	-.29	-.24	-.20	-.16	-.13	-.09	-.05
1-60W-L	-.35	-.31	-.27	-.24	-.20	-.18	-.15	-.11

TABLE 3 - CONCLUDED

ORIFICE	$\alpha = 8$	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	$\alpha = 16$	$\alpha = 18$	$\alpha = 20$
90-270-T	0.07	0.08	0.08	0.10	0.09	-0.05	-0.14
90-315-T	.08	.10	.10	.11	.09	0	-.08
99-F	.18	.19	.22	.25	.25	.28	.30
103-F	.11	.17	.22	.28	.33	.34	.33
106-F	.12	.19	.25	.33	.38	.38	.36
108-F	.04	.10	.14	.21	.25	.23	.21
109-F	.04	.11	.17	.24	.26	.25	.22
114-F	-.04	.01	.07	.15	.20	.15	.11
1-15W-L	.34	.43	.51	.61	.70	.71	.70
1-20W-L	.29	.37	.44	.54	.62	.63	.62
1-25W-L	.22	.31	.39	.50	.55	.55	.54
1-30W-L	.16	.25	.33	.42	.49	.49	.48
1-40W-L	.08	.15	.24	.32	.39	.38	.36
1-50W-L	0	.07	.14	.22	.29	.26	.24
1-60W-L	-.07	0	.06	.14	.19	.15	.11

TABLE 4.- PRESSURE COEFFICIENTS OVER THE TANK, STRUT,
AND ADJACENT AREA FOR THE MODEL IN SIDESLIP. $\alpha, 0^\circ$.

ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$	$\beta = 0$	$\beta = 1$	$\beta = 2$	$\beta = 4$
0-U-S	0.95	1.00	1.00	0.96	0.87	0.78	0.44
2.85-UI-S	-.60	-.38	-.29	-.19	-.09	-.04	.14
7.9-UI-S	-.58	-.45	-.47	-.34	-.27	-.23	-.11
15-I ₁ -S	-.25	-.27	-.27	-.26	-.28	-.28	-.29
15-I ₅ -S	-.55	-.48	-.45	-.42	-.38	-.35	-.29
75-UI-S	-.16	-.16	-.16	-.16	-.16	-.16	-.16
100-U-S	.10	.10	.10	.09	.09	.09	.10
75-U0-S	-.26	-.26	-.26	-.26	-.26	-.26	-.26
40-U0-S	-.29	-.30	-.31	-.31	-.31	-.31	-.33
15-U0-S	-.23	-.30	-.34	-.36	-.41	-.43	-.48
7.9-U0-S	-.04	-.15	-.19	-.24	-.28	-.32	-.45
2.85-U0-S	.10	-.07	-.14	-.22	-.31	-.39	-.58
15-UI-S	-.66	-.58	-.55	-.51	-.47	-.43	-.36
15-I ₂ -S	-.03	-.03	-.03	-.03	-.03	-.03	-.03
15-I ₃ -S	-.59	-.52	-.49	-.45	-.41	-.38	-.31
15-I ₄ -S	-.53	-.47	-.44	-.41	-.36	-.34	-.27
40-UI-S	-.47	-.45	-.45	-.43	-.43	-.42	-.41
15-LI-S	-.51	-.44	-.41	-.38	-.27	-.31	-.25
0-L-S	.93	1.01	1.00	.93	.81	.68	.18
2.85-LI-S	-.62	-.40	-.30	-.22	-.11	-.05	-.14
7.9-LI-S	-.58	-.45	-.41	-.35	-.28	-.26	-.15
40-LI-S	-.44	-.42	-.42	-.41	-.41	-.39	-.37
75-LI-S	-.18	-.19	-.19	-.19	-.19	-.19	-.19
100-L-S	.07	.07	.07	.07	.05	.07	.07
75-LO-S	-.27	-.27	-.27	-.27	-.27	-.27	-.26
40-LO-S	-.33	-.29	-.37	-.38	-.38	-.39	-.40
15-LO-S	-.11	-.18	-.22	-.24	-.27	-.28	-.34
7.9-LO-S	-.03	-.14	-.18	-.22	-.27	-.30	-.40
2.85-LO-S	.08	-.11	-.22	-.31	-.42	-.49	-.67
0-O-T	-.14	-.14	-.14	-.12	-.15	-.13	-.15
1.25-0-T	.30	.29	.27	.26	.24	.23	.18
1.25-90-T	.22	.16	.15	.14	.11	.09	.05
1.25-180-T	.08	.10	.11	.11	.11	.11	.11
1.25-270-T	.15	.19	.22	.24	.27	.27	.31
2.5-0-T	.22	.19	.19	.18	.16	.15	.11
2.5-45-T	.22	.16	.15	.12	.09	.08	.04
2.5-90-T	.14	.10	.08	.07	.05	.04	0
2.5-135-T	.05	.05	.04	.04	.03	.03	0
2.5-180-T	.03	.04	.04	.05	.05	.05	.04

TABLE 4.- CONTINUED

Orifice	$\beta = -4$	$\beta = -2$	$\beta = -1$	$\beta = 0$	$\beta = 1$	$\beta = 2$	$\beta = 4$
2.5-225-T	.04	.05	.08	.09	.09	.11	.12
2.5-270-T	.07	.11	.12	.15	.16	.18	.22
2.5-315-T	.15	.18	.19	.20	.19	.20	.21
7-0-T	.11	.10	.10	.08	.07	.05	.01
7-45-T	.12	.08	.04	.05	.05	.01	-.01
7-90-T	.05	.04	.03	.01	0	-.01	-.03
7-135-T	.22	.23	.26	.39	.36	.32	.29
7-180-T	.03	.03	.04	.01	.01	0	.01
7-225-T	0	0	.01	.03	.03	.04	.05
7-270-T	.01	.04	.05	.07	.08	.09	.11
7-315-T	.07	.08	.10	.12	.12	.12	.11
10-0-T	.12	.11	.10	.09	.08	.07	.03
10-45-T	.10	.07	.05	.04	.03	.01	-.03
10-90-T	.05	.04	.03	.03	.01	0	-.03
10-135-T	.01	.01	0	0	.01	0	-.03
10-180-T	.01	.01	.01	.03	.03	.01	0
10-225-T	.03	.03	.03	.03	.03	.04	.04
10-270-T	0	.03	.04	.05	.05	.07	.10
10-315-T	.04	.05	.07	.07	.07	.07	.07
20.5-0-T	.04	.03	.03	.03	.01	0	-.03
25-0-T	.05	.05	.04	.04	.03	.03	0
25-45-T	.01	-.01	-.03	-.04	-.05	-.07	-.08
25-90-T	.77	.78	.78	.78	.78	.77	.78
25-135-T	-.01	-.01	-.01	-.03	-.03	-.04	-.05
25-180-T	-.04	-.04	-.04	-.04	-.04	-.04	-.05
25-225-T	-.07	-.05	-.05	-.04	-.04	-.04	-.03
25-270-T	-.08	-.05	-.04	-.03	-.03	-.01	.01
25-315-T	-.03	-.01	0	.01	.01	.01	.03
30-0-T	.05	.05	.05	.05	.04	.03	.01
36-0-T	.36	.31	.29	.24	.22	.18	.07
36-340-T	.10	.19	.23	.26	.30	.30	.33
39-A0-T	.01	-.12	-.18	-.24	-.30	-.34	-.48
39-45-T	-.03	-.08	-.11	-.12	-.15	-.16	-.19
39-90-T	-.08	-.11	-.11	-.12	-.13	-.13	-.15
39-135-T	-.03	-.04	-.05	-.07	-.09	-.09	-.14
39-225-T	-.18	-.16	-.16	-.15	-.15	-.15	-.14
39-270-T	-.26	-.23	-.22	-.20	-.19	-.18	-.15
39-315-T	-.36	-.27	-.25	-.20	-.16	-.13	-.07
39-AI-T	-.55	-.41	-.34	-.27	-.20	-.16	-.04
42-AI-T	-.51	-.42	-.41	-.35	-.31	-.28	-.21

TABLE 4 — CONTINUED

ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$	$\beta = 0$	$\beta = 1$	$\beta = 2$	$\beta = 4$
45-AI-T	-0.27	-0.27	-0.26	-0.23	-0.26	-0.26	-0.26
45-315-T	-.44	-.39	-.38	-.23	-.32	-.31	-.27
45-270-T	-.31	-.28	-.28	-.23	-.26	-.24	-.23
45-225-T	-.27	-.26	-.26	-.23	-.26	-.24	-.24
45-135-T	-.26	-.28	-.28	-.23	-.31	-.31	-.32
45-90-T	-.19	-.20	-.22	-.23	-.23	-.23	-.23
45-40-T	-.19	-.22	-.24	-.23	-.28	-.28	-.30
45-0-T	-.16	-.23	-.26	-.23	-.31	-.31	-.35
39-180-T	-.05	-.03	-.01	-.27	-.01	-.01	-.03
42-A0-T	-.08	-.16	-.19	-.24	-.27	-.28	-.34
52-A0-T	-.29	-.32	-.32	-.30	-.36	-.36	-.38
52-45-T	-.25	-.27	-.28	-.22	-.31	-.30	-.31
52-90-T	-.27	-.27	-.27	-.26	-.27	-.27	-.27
52-135-T	-.29	-.30	-.28	-.27	-.31	-.30	-.32
100-0-T	0	.01	.03	-.24	.01	0	-.03
52-225-T	-.30	-.30	-.30	.24	-.30	-.30	-.30
52-270-T	-.33	-.32	-.32	0	-.31	-.30	-.30
52-315-T	-.41	-.39	-.39	-.23	-.36	-.35	-.24
52-AI-T	-.45	-.42	-.42	-.34	-.39	-.38	-.36
60-A0-T	-.30	-.32	-.32	-.28	-.34	-.32	-.32
60-AI-T	-.34	-.32	-.34	-.27	-.32	-.31	-.31
70-A0-T	-.22	-.22	-.22	-.28	-.22	-.20	-.20
70-45-T	-.19	-.20	-.20	.03	-.20	-.19	-.19
70-90-T	-.18	-.16	-.16	-.30	-.15	-.15	-.13
70-180-T	-.14	-.13	-.13	-.31	-.12	-.12	-.13
70-225-T	-.07	-.05	-.05	-.36	-.05	-.05	-.05
70-135-T	-.14	-.13	-.13	-.41	-.15	-.15	-.15
70-270-T	-.11	-.12	-.12	-.32	-.12	-.13	-.13
70-315-T	-.14	-.13	-.13	-.32	-.15	-.15	-.15
70-AI-T	-.15	-.15	-.15	-.22	-.15	-.15	-.16
80-340-T	.04	.03	.03	-.20	.03	.03	-.16
80-0-T	.01	.01	.01	-.15	.01	.03	-.16
90-0-T	.03	.04	.04	-.12	.04	.04	-.16
90-45-T	.03	.04	.04	-.07	.03	.03	0
90-90-T	.03	.01	.01	-.15	0	-.01	-.01
90-135-T	-.01	0	0	-.12	0	0	-.01
90-180-T	-.01	0	0	-.15	0	0	0
90-225-T	-.01	0	0	-.15	0	0	.01

TABLE 4 - CONCLUDED

ORIFICE	$\beta = -4$	$B = -2$	$\beta = -1$	$\beta = 0$	$\beta = 1$	$\beta = 2$	$\beta = 4$
90-270-T	0	0.01	0.01	0.03	0.03	0.04	0.03
90-315-T	0.07	.04	.04	.01	.04	.04	.03
99-F	-.03	-.04	-.01	-.01	-.01	0	.01
103-F	-.15	-.15	-.12	-.12	-.11	-.11	-.08
106-F	-.21	-.19	-.16	-.16	-.15	-.13	-.11
108-F	-.25	-.25	-.22	-.22	-.20	-.19	-.16
109-F	-.26	-.26	-.23	-.23	-.22	-.22	-.18
114-F	-.27	-.27	-.26	-.26	-.24	-.23	-.22
1-15W-L	-.14	-.14	-.09	-.11	-.09	-.08	-.05
1-20W-L	-.15	-.15	-.12	-.12	-.11	-.09	-.07
1-25W-L	-.19	-.19	-.15	-.16	-.13	-.13	-.09
1-30W-L	-.23	-.23	-.20	-.21	-.18	-.16	-.13
1-40W-L	-.29	-.29	-.24	-.25	-.23	-.22	-.19
1-50W-L	-.31	-.31	-.28	-.29	-.26	-.26	-.22
1-60W-L	-.33	-.33	-.30	-.30	-.28	-.27	-.24

TABLE 5. - PRESSURE COEFFICIENTS OVER THE FAIR FOR THE MODEL IN PITCH,
CLEAN CONDITION; δ_e , 0° . (a) β , 0° .

ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 2$
1-OC	.31	.31	.39	3-1.25U	.35	.18	-.01
1-1.25U	.46	.36	.27	3-8U	.01	.08	-.18
1-2.5U	.34	.26	.19	3-14U	-.05	.14	-.20
1-5U	.22	.15	.09	3-19U	-.09	.15	-.22
1-8U	.12	.08	.04	3-32U	-.11	.16	-.19
1-14J	.08	.03	.01	3-60U	-.11	.18	-.14
1-19U	-	0	-.04	3-70U	-.05	.08	-.11
1-32U	-	.04	-.08	3-95U	.04	.04	.04
1-70U	-	.16	-.16	3-1.25L	.34	.09	.08
1-80U	-	.09	-.09	3-2.5L	-.39	.20	-.05
1-90U	-	.07	-.05	3-5L	-.49	.27	-.15
1-95U	-	.04	-.03	3-8L	-.31	.20	-.11
1-2.5L	-	.45	-.30	3-14L	-.28	.20	-.15
1-5L	-	.41	-.28	3-32L	-.23	.19	-.16
1-14L	-	.27	-.20	3-38L	-.26	.22	-.18
1-19L	-	.26	-.20	3-60L	-.20	.18	-.16
1-32L	-	.18	-.14	3-80L	-.07	.05	.05
1-38L	-	.23	-.18	3-95L	-.07	.05	.05
1-60L	-	.19	-.16	4-0C	.55	.69	.70
1-70L	-	.15	-.14	1-1.25U	.32	.14	.05
1-80L	-	.09	-.08	4-2.5U	.19	.04	.12
2-1.25U	.35	.32	.27	4-14U	-.09	.16	.30
2-2.5U	.23	.09	.04	4-19U	-.11	.16	.22
2-5U	.09	0	-.11	4-32U	-.12	.16	.07
2-32U	-	.08	-.12	4-38U	-.14	.16	.19
2-38U	-	.18	-.22	4-60U	-.18	.20	.22
2-44U	-	.04	-.07	4-70U	-.01	.03	.05
2-70U	-	.07	-.09	4-90U	.01	0	0
2-80U	-	.05	-.05	4-95U	.05	.05	.05
2-95U	-	.05	-.05	4-100C	.15	.15	.14
2-100C	-	.09	-.09	4-2.5L	.34	.16	0
2-1.25L	-	.43	-.19	4-5L	.32	.20	.08
2-2.5L	-	.43	-.26	4-8L	-.26	.16	.07
2-5L	-	.45	-.30	4-14L	-.34	.26	.19
2-14L	-	.30	-.24	4-19L	-.31	.24	.19
2-32L	-	.24	-.20	4-32L	-.22	.18	.14
2-38L	-	.26	-.22	4-38L	-.22	.23	.19
2-44L	-	.23	-.30	4-44L	-.23	.20	.18
2-70L	-	.11	-.08	4-60L	-.18	.15	.14
2-95L	-	.05	-.05	4-80L	-.09	.04	.03

TABLE 5. - CONTINUED
(e) Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	.39	.39	.42	3-1.25U	-	.22	.46
1-1.25U	.22	.23	.24	3-8U	-	.27	.36
1-2.5U	.15	.15	.15	3-14U	-	.27	.34
1-5U	.07	.04	.04	3-19U	-	.27	.32
1-8U	-	0	.03	3-32U	-	.22	.26
1-14J	-	.04	.07	3-60U	-	.15	.18
1-19U	-	.11	.14	3-70U	-	.12	.14
1-32U	-	.14	.18	3-95U	-	.04	.04
1-70U	-	.18	.18	3-1.25L	-	.24	.38
1-80U	-	.11	.12	3-2.5L	-	.09	.22
1-90U	-	.07	.07	3-5L	-	.05	.07
1-95U	-	0	-	3-8L	-	.05	.04
1-2.5L	-	.15	.16	3-14L	-	.11	.03
1-5L	-	.15	.15	3-32L	-	.14	.08
1-14L	-	.11	.08	3-38L	-	.16	.11
1-19L	-	.11	.08	3-60L	-	.15	.12
1-32L	-	.07	.04	3-80L	-	.04	.04
1-38L	-	.12	.08	3-95L	-	.05	.04
1-60L	-	.12	.09	4-0C	-	.64	.45
1-70L	-	.11	.09	4-1.25U	-	.27	.53
1-80L	-	.07	.05	4-2.5U	-	.28	.50
2-1.25U	-	.19	.07	4-14U	-	.36	.46
2-2.5U	-	.18	.34	4-19U	-	.27	.45
2-5U	-	.22	.32	4-32U	-	.23	.27
2-32U	-	.18	.22	4-38U	-	.22	.26
2-38U	-	.27	.30	4-60U	-	.23	.24
2-44U	-	.11	.14	4-70U	-	.08	.09
2-70U	-	.12	.12	4-90U	-	0	0
2-80U	-	.07	.07	4-95U	-	.05	.05
2-95U	-	.05	.04	4-100C	-	.14	.12
2-100C	-	.07	.04	4-2.5L	-	.14	.26
2-1.25L	-	.18	.31	4-5L	-	.01	.12
2-2.5L	-	.03	.16	4-8L	-	.01	.09
2-5L	-	.08	.03	4-14L	-	.12	0
2-14L	-	.11	.04	4-19L	-	.12	.07
2-32L	-	.12	.08	4-32L	-	.09	.05
2-38L	-	.15	.11	4-38L	-	.16	.12
2-44L	-	.15	.11	4-44L	-	.14	.11
2-70L	-	.03	.03	4-60L	-	.12	.09
2-95L	-	.04	.03	4-80L	-	.03	.01

TABLE 5. - CONTINUED
(a) -- Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
1-OC	.46	.49	.51	3-1.25U	-	.92	1.16
1-1.25U	.36	.34	.28	3-8U	-	.51	.59
1-2.5U	.15	.14	.12	3-14U	-	.45	.49
1-5U	.04	.04	.01	3-19U	-	.41	.45
1-8U	-	.04	.05	3-32U	-	.31	.32
1-14J	-	.09	.09	3-60U	-	.19	.18
1-19U	-	.18	.18	3-70U	-	.14	.11
1-32U	-	.20	.22	3-95U	.04	.03	.01
2-70U	-	.18	.19	3-1.25L	.55	.58	.47
2-80U	-	.12	.14	3-2.5L	.39	.45	.41
2-90U	-	.08	.08	3-5L	.23	.28	.30
1-95U	-	.01	.01	3-8L	.18	.23	.25
1-2.5L	-	.19	.16	3-14L	.08	.14	.16
1-5L	-	.16	.14	3-32L	.01	.03	.05
1-14L	-	.05	.04	3-38L	.05	.01	.01
1-19L	-	.04	.03	3-60L	.08	.05	.03
1-32L	.01	.03	.04	3-80L	.01	.01	0
1-38L	-	.04	.01	3-95L	.04	.03	.03
1-60L	-	.05	.04	4-OC	.18	.61	1.11
1-70L	-	.05	.03	4-1.25U	1.01	1.22	1.44
1-80L	-	.03	.03	4-2.5U	.36	.95	1.11
2-1.25U	-	.14	.22	4-14U	.55	.61	.66
2-2.5U	-	.47	.50	4-19U	.43	.46	.51
2-5U	-	.41	.43	4-32U	.34	.35	.37
2-32U	-	.26	.28	4-38U	.30	.31	.34
2-50U	-	.31	.32	4-60U	.26	.26	.25
2-44U	-	.16	.19	4-70U	.12	.12	.11
2-70U	-	.14	.16	4-90U	0	0	0
2-80U	-	.08	.09	4-95U	.05	.05	.05
2-95U	.03	.01	0	4-100C	.11	.09	.08
2-100C	.01	0	0	4-2.5L	.43	.50	.55
2-1.25L	.32	.31	.26	4-5L	.38	.35	.40
2-2.5L	.24	.24	.22	4-8L	.22	.26	.32
2-5L	.15	.16	.18	4-14L	.07	.11	1.210
2-14L	.05	.09	.12	4-19L	.03	.08	.12
2-32L	-	.01	.03	4-32L	0	.04	.07
2-38L	-	.03	0	4-38L	.05	.03	0
2-44L	-	.04	.01	4-44L	.05	.03	0
2-70L	0.3	.03	.04	4-60L	.05	.04	.11
2-95L	.01	.01	.03	4-80L	0	0	.01

CONTINUED
 TABLE 5.- CONTINUED
 (a) - Continued

ORIFICE	$\alpha = 15$	$\alpha = 16$	$\alpha = 17$	ORIFICE	$\alpha = 15$	$\alpha = 16$	$\alpha = 17$
1-OC	0.50	0.54	0.61	3-1.25U	-1.37	-1.30	-1.22
1-1.25U	.25	.17	.21	3-8U	.62	.62	.63
1-2.5U	.14	.09	.09	3-14U	-.51	-.52	-.51
1-5U	.03	-.03	-.03	3-19U	-.46	-.46	-.48
1-8U	-.06	-.10	-.10	3-32U	-.33	-.35	-.36
1-14J	-.11	-.14	-.15	3-60U	-.18	-.20	-.21
1-19U	-.19	-.22	-.22	3-70U	-.10	-.10	-.10
1-32U	-.24	-.25	-.25	3-95U	0	0	0
1-70U	-.19	-.20	-.22	3-1.25L	.37	.35	.42
1-80U	-.14	-.16	-.16	3-2.5L	.37	.33	.36
1-90U	-.10	-.10	-.10	3-5L	.31	.28	.24
1-95U	0	-.01	-.01	3-8L	.25	.23	.19
1-2.5L	-.17	-.12	-.18	3-14L	.18	.16	.12
1-5L	-.14	-.10	-.18	3-32L	.07	.06	.03
1-14L	-.03	-.01	-.06	3-38L	.03	.03	0
1-19L	-.01	0	-.04	3-60L	-.01	-.03	-.04
1-32L	.04	.04	.01	3-80L	0	0	.01
1-38L	0	0	-.04	3-95L	.01	.01	.01
1-60L	-.03	-.04	-.07	4-OC	-1.35	-1.07	-.60
1-70L	-.01	-.03	-.04	4-1.25U	1.54	1.43	1.22
1-80L	0	-.03	-.04	4-2.5U	1.19	1.12	-.97
2-1.25U	-.39	-.46	-.52	4-14U	-.67	-.67	-.63
2-2.5U	-.47	-.55	-.54	4-19U	-.51	-.51	-.48
2-5U	-.44	-.48	-.48	4-32U	-.37	-.38	-.37
2-32U	-.32	-.32	-.33	4-38U	-.36	-.36	-.37
2-38U	-.37	-.38	-.37	4-60U	-.25	-.26	-.25
2-44U	.22	.25	.25	4-70U	-.10	-.12	-.12
2-70U	-.18	-.19	-.18	4-90U	0	-.01	-.01
2-80U	-.11	-.12	-.10	4-95U	.06	.04	.03
2-95U	.01	0	.01	4-100C	.08	.07	.07
2-100C	-.01	-.01	0	4-2.5L	.56	.51	.43
2-1.25L	.24	.28	.30	4-5L	.42	.36	.28
2-2.5L	.21	.25	.22	4-8L	.32	.28	.21
2-5L	.17	.19	.15	4-14L	.17	.12	.06
2-14L	.14	.13	.09	4-19L	.12	.09	.03
2-32L	.07	.06	.03	4-32L	.08	.04	.01
2-38L	.04	.04	.01	4-38L	.01	-.01	-.04
2-44L	.03	.03	0	4-44L	0	.01	.04
2-70L	.06	.06	.04	4-60L	-.03	-.04	-.04
2-95L	.03	.03	.03	4-80L	.01	0	0

TABLE 5. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 1.8$	$\alpha = 1.9$	$\alpha = 2.0$	ORIFICE	$\alpha = 1.8$	$\alpha = 1.9$	$\alpha = 2.0$
1-OC	.64	.63	.36	3-1.25U	-	1.09	.82
1-1.25U	.17	.09	.13	3-8U	-	.59	.48
1-2.5U	.06	.02	.06	3-14U	-	.50	.42
1-5U	-	.05	.06	3-19U	-	.45	.40
1-8U	-	.12	.12	3-32U	-	.35	.32
1-14J	-	.15	.15	3-60U	-	.21	.20
1-19U	-	.23	.22	3-70U	-	.12	.13
1-32U	-	.24	.25	3-95U	-	0	0
1-70U	-	.23	.22	3-1.25L	-	.44	.31
1-80U	-	.17	.15	3-2.5L	-	.33	.23
1-90U	-	.11	.11	3-5L	-	.21	.12
1-95U	-	.02	.02	3-8L	-	.17	.09
1-2.5L	-	.17	.14	3-14L	-	.09	.06
1-5L	-	.17	.15	3-32L	-	0	0
1-14L	-	.08	.08	3-38L	-	.03	.03
1-19L	-	.06	.08	3-60L	-	.06	.05
1-32L	-	.02	.02	3-80L	-	.02	0
1-38L	-	.06	.08	3-95L	-	.02	.02
1-60L	-	.08	.09	4-0C	-	.26	.26
1-70L	-	.06	.08	4-1.25U	-	1.02	.74
1-80L	-	.05	.05	4-2.5U	-	.83	.63
2-1.25U	-	.56	.54	4-14U	-	.59	.51
2-2.5U	-	.56	.43	4-19U	-	.45	.40
2-5U	-	.48	.40	4-32U	-	.36	.34
2-32U	-	.32	.28	4-38U	-	.36	.35
2-38U	-	.38	.35	4-60U	-	.27	.26
2-44U	-	.36	.35	4-70U	-	.14	.12
2-70U	-	.18	.17	4-90U	-	.03	.05
2-80U	-	.11	.11	4-95U	-	.02	0
2-95U	.02	0	-	4-100C	-	.08	.05
2-100C	.02	.02	0	4-2.5L	-	.33	.17
2-1.25L	.32	.23	.06	4-5L	-	.20	.09
2-2.5L	.24	.15	.03	4-8L	-	.14	.06
2-5L	.15	.08	.02	4-14L	-	.02	.03
2-14L	.08	.03	.02	4-19L	-	0	.03
2-32L	-	0	.03	4-32L	-	.02	.03
2-38L	-	.02	.03	4-38L	-	.09	.06
2-44L	-	.02	.05	4-44L	-	.05	0
2-70L	-	.03	.03	4-60L	-	.06	.06
2-95L	.02	.02	.02	4-80L	-	0	.02

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TABLE 5.- CONTINUED
(a)- Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = +2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = +2$
4-90L	.03	.03	.03	6-8L	-	.23	-
4-95L	.07	.07	.07	6-14L	-	.25	-
5-0C	.59	.68	.68	6-19L	-	.23	-
5-1.25L	.27	.07	.13	6-38L	-	.21	-
5-3U	0	.11	.20	6-44L	-	.21	-
5-4U	.07	.15	.21	6-60L	-	.17	-
5-45	-	-	-	6-70L	-	.07	-
5-19U	-	.12	.19	7-0C	-	.67	-
5-38U	-	.12	.15	7-5U	-	.01	-
5-44U	-	.09	.12	7-8U	-	.03	-
5-60U	-	.12	.15	7-14U	-	.08	-
5-70U	-	.05	.07	7-19U	-	.11	-
5-80U	-	.05	.05	7-38U	-	.15	-
5-90U	-	.01	.01	7-60U	-	.11	-
5-95U	-	.04	.04	7-90U	-	0	-
5-1.25L	-	.27	.03	7-95U	-	.07	-
5-2.5L	-	.28	.09	7-1.25L	-	.19	-
5-5L	-	.32	.19	7-2.5L	-	.27	-
5-8L	-	.25	.15	7-5L	-	.29	-
5-14L	-	.24	.16	7-8L	-	.27	-
5-19L	-	.25	.20	7-14L	-	.23	-
5-36L	-	.23	.19	7-19L	-	.24	-
5-44L	-	.20	.17	7-32L	-	.20	-
5-60L	-	.19	.17	7-44L	-	.17	-
5-78L	-	.05	.04	7-60L	-	.15	-
5-90L	-	.04	.04	7-70L	-	.08	-
5-95L	-	.08	.08	7-90L	-	.04	-
6-0C	-	.57	.67	7-95L	-	.09	-
6-5U	-	0	.13	8-0C	-	.67	-
6-14U	-	.08	.15	8-1.25U	-	.20	-
6-19U	-	.04	.04	8-2.5U	-	.03	-
6-32U	-	.01	.03	8-5U	-	.01	-
6-44U	-	.01	.05	8-8U	-	.05	-
6-60U	-	.11	.13	8-14U	-	.09	-
6-70U	-	.11	.12	8-19U	-	.11	-
6-80U	-	.04	.05	8-60U	-	.03	-
6-90U	-	.01	.01	8-80U	-	.03	-
6-100C	-	.15	.15	8-90U	-	.01	-
6-1.25L	-	.20	.04	8-95U	-	.11	-
6-2.5L	-	.32	.13	8-100C	-	.16	-
6-5L	-	.31	.16	-	-	.16	-

TABLE 5.—CONTINUED
(a)—Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
4-90L	.04	.03	.04	6-8L	.05	.15	.20
4-95L	.07	.07	.07	6-14L	.04	.03	.09
5-0C	.59	.39	.09	6-19L	.05	0	.05
5-1.25U	.36	.64	.91	6-38L	.12	.08	.05
5-8U	.28	.36	.44	6-44L	.12	.09	.07
5-14U	.27	.33	.40	6-60L	.12	.09	.08
5-19U	.29	.35	.40	6-70L	.03	0	0
5-38U	.23	.25	.28	7-0C	.43	.07	.33
5-44U	.19	.21	.24	7-5U	.39	.53	.64
5-60U	.17	.19	.20	7-8U	.31	.40	.49
5-70U	.11	.12	.13	7-14U	.27	.33	.40
5-80U	.07	.07	.08	7-19U	.25	.32	.36
5-90U	0	0	.01	7-38U	.24	.27	.29
5-95U	.04	.04	.05	7-60U	.16	.17	.17
5-1.25L	.31	.43	.53	7-90U	.01	.01	.01
5-2.5L	.19	.31	.40	7-95U	.07	.07	.07
5-5L	.04	.15	.23	7-1.25L	.37	.49	.57
5-8L	.03	.12	.16	7-2.5L	.20	.32	.41
5-14L	.04	.04	.09	7-5L	.08	.19	.27
5-19L	.08	.03	.03	7-8L	.01	.11	.17
5-38L	.12	.08	.05	7-14L	.05	.03	.09
5-44L	.11	.08	.05	7-19L	.08	.01	.04
5-60L	.13	.12	.09	7-32L	.09	.05	.03
5-70L	.01	.01	0	7-44L	.11	.08	.05
5-90L	.04	.05	.05	7-60L	.09	.08	.07
5-95L	.08	.08	.08	7-70L	.07	.05	.04
6-0C	.56	.32	.03	7-90L	.04	.04	.05
6-5U	.39	.52	.64	7-95L	.08	.08	.08
6-14U	.28	.36	.41	8-0C	.41	.07	.33
6-19U	.03	.01	.01	8-1.25U	.44	.71	.95
6-32U	.11	.15	.19	8-2.5U	.48	.69	.84
6-44U	.12	.16	.19	8-5U	.37	.48	.59
6-50U	.16	.17	.19	8-8U	.32	.40	.49
6-70U	.15	.15	.15	8-14U	.25	.32	.37
6-80U	.05	.05	.05	8-19U	.24	.29	.33
6-90U	0	0	.01	8-60U	.08	.09	.11
6-100C	.15	.13	.12	8-80U	.03	.04	.03
6-1.25L	.36	.48	.56	8-90U	.03	.03	.03
6-2.5L	.16	.29	.37	8-95U	.08	.07	.07
6-5L	.07	.17	.27	8-100C	.15	.15	.15

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TABLE 5.—CONTINUED
(a)—Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
4-90L	.04	.04	.04	6-8L	.25	.31	.36
4-95L	.07	.07	.07	6-14L	.15	.19	.23
5-0C	.28	.72	1.27	6-19L	.09	.13	.18
5-1.25U	1.20	1.55	1.57	6-38L	.01	0	.04
5-8U	.53	.63	.72	6-44L	.04	.01	0
5-14U	.45	.51	.57	6-60L	.07	.05	.03
5-19U	.45	.48	.53	6-70L	.03	.03	.04
5-38U	.31	.32	.34	7-0C	.83	1.37	2.05
5-44U	.25	.27	.28	7-5U	.76	.88	.61
5-60U	.20	.20	.20	7-8U	.59	.67	.76
5-70U	.13	.13	.14	7-14U	.45	.51	.57
5-80U	.07	.07	.07	7-19U	.41	.45	.50
5-90U	.01	.01	.01	7-38U	.31	.32	.34
5-95U	.05	.05	.05	7-60U	.19	.19	.19
5-1.25L	.60	.64	.66	7-90U	.01	.03	.03
5-2.5L	.48	.53	.54	7-95U	.08	.08	.08
5-5L	.31	.36	.43	7-1.25L	.61	.64	.65
5-8L	.23	.28	.34	7-2.5L	.48	.53	.59
5-14L	.13	.17	.23	7-5L	.33	.39	.46
5-19L	.07	.12	.15	7-8L	.24	.29	.35
5-38L	.03	.01	.04	7-14L	.13	.17	.23
5-44L	.03	0	.03	7-19L	.08	.12	.16
5-60L	.08	.05	.04	7-32L	0	.03	.07
5-70L	.03	.03	.04	7-44L	.03	.01	.01
5-90L	.05	.05	.05	7-60L	.05	.04	.03
5-95L	.08	.08	.07	7-70L	.03	.03	.01
6-0C	.37	.83	1.41	7-90L	.04	.05	.04
6-5U	.76	.88	1.03	7-95L	.08	.08	.07
6-14U	.48	.53	.59	8-0C	.81	1.32	1.99
6-19U	0	0	.01	8-1.25U	1.17	1.41	1.72
6-32U	.21	.24	.28	8-2.5U	1.01	1.17	1.38
6-44U	.20	.23	.26	8-5U	.71	.81	.95
6-60U	.19	.20	.19	8-8U	.57	.65	.74
6-70U	.15	.15	.15	8-14U	.43	.48	.54
6-80U	.05	.05	.05	8-19U	.39	.41	.47
6-90U	.03	.03	.04	8-60U	.11	.11	.39
6-100C	.12	.11	.11	8-80U	.03	.03	.03
6-1.25L	.63	.65	.66	8-90U	.03	.04	.03
6-2.5L	.45	.52	.57	8-95U	.05	.04	.03
6-5L	.33	.39	.46	8-100C	.13	.12	.12

TABLE 5.—CONTINUED
(a)—Continued

ORIFICE	$\alpha = 1.5$	$\alpha = 1.6$	$\alpha = 1.7$	ORIFICE	$\alpha = 1.5$	$\alpha = 1.6$	$\alpha = 1.7$
4-90L	.03	.03	.01	6-8L	.36	.30	.18
4-95L	.18	.04	.03	6-14L	.22	.17	.06
5-0C	— 1.44	.51	—	6-19L	.17	.11	.01
5-1.25U	— 1.62	— 1.61	— 1.31	6-38L	.03	— .01	— .07
5-3U	— .76	— .69	— .61	6-44L	— .01	— .04	— .10
5-4.5	— .61	— .56	— .52	6-60L	— .04	— .07	— .10
5-12U	— .57	— .53	— .52	6-79L	— .03	— 0	— .04
5-30U	— .36	— .34	— .37	7-0C	— 2.18	— 1.57	— 1.10
5-4.5U	— .31	— .29	— .30	7-5U	— 1.07	— .97	— .91
5-50U	— .22	— .21	— .25	7-8U	— .81	— .74	— .72
5-7.5U	— .17	— .16	— .18	7-14U	— .61	— .57	— .57
5-80U	— .08	— .09	— .12	7-19U	— .53	— .50	— .52
5-90U	— 0	— 0	— .03	7-38U	— .36	— .36	— .39
5-95U	.04	.04	— 0	7-60U	— .21	— .20	— .24
5-1.25L	.65	.63	.54	7-90U	— .01	— 0	— .04
5-2.5L	.58	.53	.42	7-95U	— .06	— .06	— 0
5-3L	.43	.37	.24	7-1.25L	— .65	— .64	— .52
5-3U	.33	.27	.16	7-2.5L	— .58	— .54	— .42
5-14L	.22	.17	.07	7-5L	— .44	— .39	— .25
5-19L	.15	.10	.01	7-8L	— .33	— .29	— .15
5-35L	.03	— 0	— .06	7-14L	— .22	— .16	— .06
5-44L	— .01	— .01	— .06	7-19L	— .15	— .10	— 0
5-60L	— .06	— .07	— .10	7-32L	— .06	— 0	— .06
5-7.5L	.03	.01	.03	7-44L	— 0	— .04	— .10
5-90L	.04	.03	.01	7-60L	— .04	— .07	— .12
5-95L	.06	.06	.04	7-70L	— .03	— .06	— .10
6-0C	— 1.53	— .96	— .48	7-90L	— .03	— .01	— .01
6-5U	— 1.08	— .96	— .87	7-95L	— .06	— .06	— .01
6-14U	— .64	— .59	— .58	8-0C	— 2.14	— 1.67	— 1.36
6-19U	— 0	— 0	— .01	8-1.25U	— 1.81	— 1.64	— 1.51
6-32U	.35	.37	.42	8-2.5U	— 1.46	— 1.36	— 1.27
6-44U	.29	.31	.36	8-5U	— 1.00	— .94	— .91
6-50U	.22	.21	.25	8-8U	— .79	— .76	— .75
6-70U	.17	.17	.21	8-14U	— .57	— .56	— .58
6-80U	.07	.07	.12	8-19U	— .50	— .49	— .51
6-90U	.03	.03	.01	8-60U	— .14	— .14	— .18
6-100C	.08	.09	.06	8-80U	— .04	— .06	— .10
6-1.25L	.67	.64	.54	8-90U	— .01	— .01	— .04
5-2.5L	.57	.51	.37	8-95U	— .04	— .06	— .10
6-5L	.44	.39	.24	8-100C	— .10	— .10	— .04

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TABLE 5.—CONTINUED
(a)—Continued

ORIFICE	$\alpha = 18$	$\alpha = 19$	$\alpha = 20$	ORIFICE	$\alpha = 18$	$\alpha = 19$	$\alpha = 20$
4-90L	.02	.02	0	6-8L	.11	.06	.08
4-95L	.03	.03	0	6-14L	0	0	.05
5-0C	.21	.36	1.23	6-19L	.02	.02	.03
5-1.25U	1.08	.82	1.00	6-38L	.09	.06	.02
5-8U	.56	.47	.58	6-44L	.11	.06	.03
5-14U	.50	.42	.47	6-60L	.12	.08	.06
5-19U	.50	.42	.44	6-70L	.05	.03	0
5-38U	.36	.30	.31	7-0C	.98	.89	1.05
5-44U	.30	.27	.27	7-5U	.86	.74	.75
5-60U	.26	.23	.23	7-8U	.68	.61	.64
5-70U	.18	.15	.16	7-14U	.55	.50	.53
5-80U	.12	.12	.13	7-19U	.50	.44	.48
5-90U	.05	.06	.08	7-38U	.38	.35	.33
5-95U	.02	.03	.06	7-60U	.24	.23	.22
5-1.25L	.41	.20	.05	7-90U	.08	.08	.11
5-2.5L	.30	.15	.11	7-95U	.03	.05	.08
5-5L	.15	.06	.08	7-1.25L	.11	.21	.05
5-8L	.11	.05	.09	7-2.5L	.30	.17	.08
5-14L	.02	0	.06	7-5L	.17	.09	.08
5-19L	.03	.03	.03	7-8L	.09	.06	.06
5-38L	.09	.06	0	7-14L	.02	0	.03
5-44L	.08	.05	0	7-19L	.03	.02	.02
5-60L	.11	.08	.03	7-32L	.08	.05	.02
5-70L	.03	.02	0	7-44L	.11	.06	.05
5-90L	0	0	.02	7-60L	.12	.08	.06
5-95L	.03	.02	0	7-70L	.11	.08	.06
6-0C	.39	.52	.95	7-90L	.05	.05	.05
6-5U	.80	.68	.77	7-95L	.02	.02	.05
6-14U	.55	.48	.53	8-0C	1.23	1.06	.98
6-19U	.03	.02	.03	8-1.25U	1.38	1.11	.95
6-32U	.42	.39	.41	8-2.5U	1.18	.95	.86
6-44U	.35	.33	.33	8-5U	.86	.73	.69
6-60U	.26	.23	.22	8-8U	.71	.62	.61
6-70U	.21	.18	.17	8-14U	.56	.50	.50
6-80U	.12	.12	.14	8-19U	.50	.44	.45
6-90U	.02	.02	0	8-60U	.18	.18	.20
6-100C	.03	.02	.03	8-80U	.12	.12	.16
6-1.25L	.41	.21	.05	8-90U	.08	.09	.13
6-2.5L	.26	.12	.05	8-95U	.11	.08	.08
6-5L	.15	.08	.06	8-100C	0	.03	.08

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TABLE 5. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = -2$	ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = -2$
8-1.25L	-	.19	.03	.20	11-32U	-	.11
8-2.5L	-	.23	.05	.09	12-32U	-	.11
8-5L	-	.26	-	.14	TIP-32C	-	.09
8-8L	-	.26	-	.15	11-32L	-	.11
8-14L	-	.22	-	.15	10-32L	-	.14
8-19L	-	.22	-	.16	10-70U	-	.07
8-32L	-	.19	-	.15	11-70U	-	.07
8-38L	-	.18	-	.15	12-70U	-	.05
8-44L	-	.16	-	.15	TIP-70C	-	.01
8-60L	-	.08	-	.08	12-70L	-	.05
8-95L	.09	-	.09	.09	11-70L	-	.03
9-0C	.64	-	.69	.66	10-70L	-	.04
9-1.25U	.20	-	.01	.18	FIN-1	-	.01
9-2.5U	.05	-	.11	.27	FIN-2	-	0
9-5U	-	.04	-	.15	FIN-3	-	.01
9-14U	-	.14	-	.19	FIN-4	-	.07
9-19U	-	.14	-	.19	FIN-5	-	0
9-32U	-	.15	-	.18	FIN-6	-	0
9-44U	-	.11	-	.12	FIN-7	-	.15
9-70U	-	.03	-	.01	FIN-8	-	.07
9-80U	-	0	-	0	FIN-9	-	.08
9-100C	-	.15	-	.15	FIN-10	-	.05
9-1.25L	-	.20	-	0	FIN-11	-	.07
9-5L	-	.23	-	.11	FIN-12	-	.04
9-8L	-	.24	-	.15	FIN-13	-	.05
9-14L	-	.22	-	.15	FIN-14	-	.14
9-19L	-	.20	-	.15	FIN-15	-	.07
9-32L	-	.20	-	.18	FIN-16	-	.04
9-38L	-	.15	-	.14	FIN-17	-	0
9-44L	-	.11	-	.08	FIN-18	-	.03
9-70L	-	.04	-	.04	FIN-19	-	.04
9-90L	.07	-	.07	.07	FIN-20	-	.04
9-95L	.12	-	.12	.12	FIN-21	-	.11
2S-60U	-	.15	-	.15	FIN-22	-	.07
2S-60L	-	.12	-	.12	FIN-23	-	.05
5S-60U	-	.07	-	.07	FIN-24	-	0
5S-60L	-	.12	-	.11	FIN-25	-	.01
8S-60U	-	.12	-	.12	FIN-26	-	.18
8S-60L	-	.11	-	.11	FIN-27	-	.12
10-32U	-	.01	-	.01	FIN-28	-	.07

TABLE 5. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
8-1.25L	.33	.45	.54	11-32U	-	.13	.16
8-2.5L	.21	.33	.42	12-32U	-	.12	.17
8-5L	.08	.17	.32	TIP-32C	-	.12	.19
8-8L	-	.08	.15	11-32L	-	.08	.08
8-14L	-	.03	.03	10-32L	-	.09	.08
8-19L	-	.05	0	10-70U	-	.05	.05
8-32L	-	.08	.05	11-70U	-	.05	.11
8-38L	-	.09	.07	12-70U	-	.07	.12
8-44L	-	.11	.08	TIP-70C	-	0	0
8-60L	-	.07	.07	12-70L	-	.11	.23
8-95L	.08	.08	.09	11-70L	-	.05	.09
9-0C	.53	.17	.01	10-70L	-	.05	.07
9-1.25U	.39	.60	.74	FIN-1	-	0	0
9-2.5U	.41	.60	.74	FIN-2	-	.03	.03
9-5U	.37	.47	.57	FIN-3	-	.01	.03
9-14U	.28	.32	.38	FIN-4	-	.08	.09
9-19U	.25	.29	.34	FIN-5	-	.01	.01
9-32U	.21	.24	.26	FIN-6	-	.01	.01
9-44U	.13	.15	.16	FIN-7	-	.13	.12
9-70U	0	0	0	FIN-8	-	.05	.04
9-80U	0	0	0	FIN-9	-	.08	.07
9-100C	.13	.12	.12	FIN-10	-	.05	.05
9-1.25L	.29	.41	.50	FIN-11	-	.07	.07
9-5L	.12	.19	.24	FIN-12	-	.04	.04
9-8L	0	.07	.12	FIN-13	-	.05	.04
9-14L	.05	0	.04	FIN-14	-	.13	.12
9-19L	.07	.03	0	FIN-15	-	.05	.05
9-32L	.13	.11	.08	FIN-16	-	.04	.03
9-38L	.09	.08	.07	FIN-17	0	0	.01
9-44L	.05	.05	.04	FIN-18	-	.01	.01
9-70L	.05	.05	.05	FIN-19	-	.04	.05
9-90L	.05	.05	.04	FIN-20	-	.03	.03
9-95L	.12	.12	.12	FIN-21	-	.12	.11
2S-60U	.16	.17	.18	FIN-22	-	.05	.05
2S-60L	.09	.08	.07	FIN-23	-	.04	.04
5S-60U	.05	.05	.05	FIN-24	-	0	.01
5S-60L	.09	.08	.07	FIN-25	-	.19	.19
8S-60U	.13	.15	.15	FIN-26	-	.13	.13
8S-60L	.08	.07	.07	FIN-27	-	.08	.07
10-32U	0	0	.01	FIN-28	-	.08	.07

~~CONFIDENTIAL~~TABLE 5. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
8-1.25L	.59	.62	.63	11-32U	-	.23	.28
8-2.5L	.49	.54	.59	12-32U	-	.34	.42
8-5L	.32	.38	.44	TIP-32C	-	.38	.49
8-8L	.08	.27	.32	11-32L	-	.12	.15
8-14L	.12	.16	.21	10-32L	-	.07	.07
8-19L	.08	.12	.15	10-70U	-	.08	.09
8-32L	- 0	.01	.04	11-70U	-	.35	.45
8-38L	- .03	- .01	- .01	12-70U	-	.23	.28
8-44L	- .05	- .04	- .04	TIP-70C	-	.03	.03
8-60L	- .05	- .05	0	12-70L	-	.49	.62
8-95L	.08	.07	.07	11-70L	-	.16	.20
9-0C	- .38	.78	- 1.33	10-70L	-	.08	.09
9-1.25U	- .96	1.18	- 1.44	FIN-1	-	.01	.04
9-2.5U	- .91	1.07	- 1.25	FIN-2	-	.03	.03
9-5U	- .69	.78	.89	FIN-3	-	.01	.03
9-14U	- .42	.46	- .51	FIN-4	-	.11	.11
9-19U	- .36	.39	- .42	FIN-5	-	.01	.01
9-32U	- .27	.28	.30	FIN-6	-	.01	.01
9-44U	- .18	.19	.19	FIN-7	-	.08	.05
9-70U	.01	.01	.03	FIN-8	-	.01	.01
9-80U	- 0	.01	.01	FIN-9	-	.05	.04
9-100C	.11	.09	.08	FIN-10	-	.05	.05
9-1.25L	.57	.59	.62	FIN-11	-	.07	.07
9-5L	.31	.35	.41	FIN-12	-	.04	.04
9-8L	.18	.22	.27	FIN-13	-	0	.01
9-14L	.08	.12	- 1.5	FIN-14	-	.11	.09
9-19L	.03	.07	.08	FIN-15	-	.04	.03
9-32L	- .07	.05	.04	FIN-16	-	.01	0
9-38L	- .05	.04	.03	FIN-17	-	.01	.01
9-44L	- .03	.01	.01	FIN-18	-	.01	0
9-70L	- .05	.05	.07	FIN-19	-	.05	.05
9-90L	.04	.04	.03	FIN-20	-	.03	.01
9-95L	.12	.11	.10	FIN-21	-	.11	.09
2S-60U	- .18	.04	.18	FIN-22	-	.05	.05
2S-60L	- .07	.05	.05	FIN-23	-	.04	.04
5S-60U	- .05	.05	.05	FIN-24	-	.03	.03
5S-60L	- .05	.04	.03	FIN-25	-	.16	.16
8S-60U	- .15	.15	.15	FIN-26	-	.12	.12
8S-60L	- .05	.04	.03	FIN-27	-	.07	.07
10-32U	.01	.03	.04	FIN-28	-	.05	.05

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TABLE 5. - CONTINUED
(a) Continued

ORIFICE	$\alpha = 15$	$\alpha = 16$	$\alpha = 17$	ORIFICE	$\alpha = 15$	$\alpha = 16$	$\alpha = 17$
8-1.25L	.64	.63	.52	11-32U	-	.40	.41
8-2.5L	.60	.56	.45	12-32U	-	.58	.59
8-5L	.43	.39	.28	TIP-32C	-	.67	.64
8-8L	.32	.27	.16	11-32L	-	.18	.16
8-14L	.22	.16	.07	10-32L	-	.07	.09
8-19L	.15	.09	.01	10-70U	-	.14	.16
8-32L	.04	0	.06	11-70U	-	.56	.49
8-38L	.01	0	.09	12-70U	-	.39	.39
8-44L	0	.03	.07	TIP-70C	-	.04	.03
8-60L	0	.04	.07	12-70L	-	.81	.71
8-95L	0	.06	.04	11-70L	-	.25	.23
9-0C	1.42	1.16	.97	10-70L	-	.12	.13
9-1.25U	1.50	1.41	1.33	FIN-1	-	.04	.03
9-2.5U	1.31	1.26	1.19	FIN-2	-	.01	.04
9-5U	.92	.91	.90	FIN-3	-	.03	0
9-14U	.53	.53	1.00	FIN-4	-	.12	.16
9-19U	.44	.46	.46	FIN-5	-	.03	.06
9-32U	.31	.33	.34	FIN-6	-	.03	.06
9-44U	.21	.21	.24	FIN-7	-	.01	.03
9-70U	.03	.06	.10	FIN-8	-	.01	0
9-80U	.03	.04	.07	FIN-9	-	.03	.04
9-100C	.07	.06	.01	FIN-10	-	.06	.07
9-1.25L	.62	.61	.52	FIN-11	-	.07	.07
9-5L	.42	.39	.30	FIN-12	-	.04	.06
9-8L	.28	.24	.16	FIN-13	-	.04	.03
9-14L	.14	.11	.04	FIN-14	-	.08	.10
9-19L	.08	.04	.01	FIN-15	-	.01	.03
9-32L	.04	.07	.12	FIN-16	-	0	.01
9-38L	.03	.07	.10	FIN-17	-	.01	.01
9-44L	0	.01	.04	FIN-18	-	0	.01
9-70L	0	.07	.10	FIN-19	-	.04	.06
9-90L	0	.03	0	FIN-20	-	.01	.04
9-95L	0	.10	.07	FIN-21	-	.10	.10
2S-60U	0	.18	.19	FIN-22	-	.04	.06
2S-60L	0	.06	.07	FIN-23	-	.03	.06
5S-60U	0	.06	.07	FIN-24	-	.04	.03
5S-60L	0	.03	.06	FIN-25	-	.15	.17
8S-60U	0	.15	.16	FIN-26	-	.11	.13
8S-60L	0	.03	.06	FIN-27	-	.06	.07
10-32U	0	.04	.03	FIN-28	-	.04	.07

TABLE 5. - CONTINUED
 (a) - Concluded

ORIFICE	$\alpha = 18$	$\alpha = 19$	$\alpha = 20$	ORIFICE	$\alpha = 18$	$\alpha = 19$	$\alpha = 20$
8-1.25L	.39	.18	.05	11-32U	-	.4	.36
8-2.5L	.32	.17	.08	12-32U	-	.5	.48
8-5L	.20	.11	.06	TIP-32C	-	.5	.48
8-8L	.11	.05	.03	11-32L	-	.1	.48
8-14L	.03	0	0	10-32L	-	.1	.24
8-19L	.02	.02	.02	10-70U	-	.1	.14
8-32L	.08	.06	.05	11-70U	-	.3	.16
8-38L	-	.09	.08	12-70U	.06	.4	.19
8-44L	-	.11	.09	TIP-70C	.08	.0	0
8-60L	.09	.09	.11	12-70L	.1	.5	.38
8-95L	.02	.05	.08	11-70L	.1	.2	.24
9-0C	.91	.82	.81	10-70L	.15	.1	.16
9-1.25U	1.21	.98	.89	FIN-1	0	0	0
9-2.5U	1.11	.75	.81	FIN-2	0.6	0.6	1.1
9-5U	.85	.72	.67	FIN-3	0.3	0.2	1.0
9-14U	5.3	4.8	4.8	FIN-4	0.2	0.2	2.9
9-19U	4.7	4.3	4.3	FIN-5	0.9	0.9	1.6
9-32U	.35	.32	.35	FIN-6	0.9	0.9	1.6
9-44U	.26	.26	.27	FIN-7	0.2	0.3	0.5
9-70U	.14	.15	.19	FIN-8	0.5	0.5	0.8
9-80U	.11	.14	.17	FIN-9	0.5	0.5	1.4
9-100C	.02	.06	.11	FIN-10	0.9	1.1	1.1
9-1.25L	.39	.18	.06	FIN-11	1.1	1.1	1.4
9-5L	.21	.12	.06	FIN-12	0.8	0.9	1.3
9-8L	.09	.05	.02	FIN-13	0.2	0.2	0.2
9-14L	0	.02	.03	FIN-14	1.2	1.1	1.7
9-19L	.05	.05	.05	FIN-15	0.5	0.5	0.8
9-32L	.12	.11	.10	FIN-16	0.2	0.2	0.5
9-38L	1.1	1.1	1.0	FIN-17	0.3	0.3	1.0
9-44L	.09	.08	.08	FIN-18	0.5	0.5	0.8
9-70L	.14	.12	.13	FIN-19	0.8	0.8	1.1
9-90L	.06	.08	.10	FIN-20	0.6	0.6	1.0
9-95L	0	.03	.03	FIN-21	1.2	1.4	1.6
2S-60U	.21	.22	.21	FIN-22	0.8	0.8	1.1
2S-60L	.09	.09	.10	FIN-23	0.6	0.6	1.0
5S-60U	.09	.09	.11	FIN-24	0.3	0.3	0.5
5S-60L	.08	.08	.08	FIN-25	0.2	0.2	0.5
8S-60U	.20	.18	.19	FIN-26	1.4	1.5	1.6
8S-60L	.08	.08	.08	FIN-27	0.9	0.9	1.1
10-32U	.03	.02	0	FIN-28	0.9	0.9	1.1

TABLE 5. — CONTINUED
(b) $\beta = 4^\circ$.

ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = -2$	ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = -2$
1-0C	.78	.76	.65	3-1.25U	—	.15	.39
1-1.25U	.08	.22	.31	3-14U	—	.23	.34
1-2.5U	—	.08	.18	3-14U	—	.23	.31
1-5U	—	.11	.18	3-19U	—	.24	.31
1-8U	—	.11	.16	3-32U	—	.20	.24
1-14J	—	.08	.12	3-6CU	—	.14	.16
1-19U	—	.12	.16	3-7CU	—	.09	.12
1-32U	—	.09	.14	3-95U	—	.05	.05
2-70U	—	.18	.19	3-1.25L	—	.23	.38
2-80U	—	.09	.09	3-2.5L	—	.05	.19
3-90U	—	.05	.05	3-5L	—	.08	.04
1-95U	—	.05	.04	3-8L	—	.08	.01
1-2.5L	—	.09	.18	3-14L	—	.12	.05
1-5L	—	.03	.05	3-32L	—	.15	.11
1-14L	—	.07	.03	3-38L	—	.18	.15
1-19L	—	.11	.05	3-60L	—	.15	.14
1-32L	—	.08	.03	3-80L	—	.04	.04
1-38L	—	.12	.09	3-95L	—	.07	.07
1-60L	—	.14	.12	4-0C	—	.74	.61
1-70L	—	.11	.11	4-1.25U	—	.15	.41
1-80L	—	.05	.05	4-2.5U	—	.34	.41
2-1.25U	—	.14	.05	4-14U	—	.26	.36
2-2.5U	—	.18	.34	4-19U	—	.24	.30
2-5U	—	.22	.32	4-32U	—	.22	.26
2-32U	—	.15	.19	4-38U	—	.18	.22
2-38U	—	.26	.28	4-60U	—	.22	.23
2-44U	—	.01	.04	4-70U	—	.05	.08
2-70U	—	.09	.11	4-90U	—	.01	0
2-80U	—	.05	.07	4-95U	—	.07	.07
2-95U	—	.07	.05	4-100C	—	.16	.15
2-100C	—	.11	.09	4-2.5L	—	.08	.22
2-1.25L	—	.20	.35	4-5L	—	.03	.07
2-2.5L	—	.05	.18	4-8L	—	.04	.05
2-5L	—	.07	.04	4-14L	—	.16	.00
2-14L	—	.12	.05	4-19L	—	.18	.11
2-32L	—	.14	.11	4-32L	—	.14	.09
2-38L	—	.16	.12	4-38L	—	.19	.15
2-44L	—	.16	.14	4-44L	—	.16	.14
2-70L	—	.04	.03	4-60L	—	.14	.11
2-95L	—	.07	.05	4-80L	—	.03	.01

TABLE 5. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	.45	.30	.23	3-1.25U	-	.87	1.08
1-1.25U	-	.32	.26	3-8U	-	.51	.58
1-2.5U	-	.24	.20	3-14U	-	.43	.49
1-5U	-	.17	.14	3-19U	-	.40	.45
1-8U	-	.19	.17	3-32U	-	.29	.33
1-14J	-	.15	.16	3-60U	-	.19	.20
1-19U	-	.19	.20	3-70U	-	.15	.14
1-32U	-	.17	.20	3-95U	.05	.05	.05
3-70U	-	.17	.17	3-1.25L	.56	.62	.67
3-80U	-	.09	.11	3-2.5L	.39	.53	.53
3-90U	-	.05	.07	3-5L	.21	.29	.35
1-95U	-	.01	.03	3-8L	.15	.21	.27
1-2.5L	.25	.25	.25	3-14L	.07	.12	.16
1-5L	.15	.17	.19	3-32L	.03	0	.03
1-14L	.07	.09	.12	3-38L	.08	.05	.03
1-19L	.03	.07	.09	3-60L	.11	.09	.21
1-32L	.03	.05	.07	3-80L	.03	.03	.16
1-38L	.03	0	.01	3-95L	.05	.04	.04
1-60L	.08	.05	.04	4-0C	.05	.39	.85
1-70L	.07	.05	.04	1-1.25U	.91	1.20	1.37
1-80L	.04	.04	.03	1-2.5U	.81	.93	1.09
2-1.25U	.13	.30	.40	4-14U	.56	.61	.65
2-2.5U	.63	.72	.80	4-19U	.41	.46	.51
2-5U	.51	.57	.63	4-32U	.33	.36	.39
2-32U	.25	.26	.28	4-38U	.28	.32	.33
2-38U	.32	.33	.35	4-60U	.25	.26	.27
2-44U	.11	.14	.16	4-70U	.12	.13	.13
2-70U	.13	.12	.12	4-90U	0	0	.01
2-80U	.07	.07	.07	4-95U	.07	.07	.07
2-95U	.05	.05	.04	4-100C	.13	.12	.11
2-100C	.07	.04	.03	4-2.5L	.43	.49	.56
2-1.25L	.25	.58	.61	4-5L	.25	.33	.40
2-2.5L	.35	.41	.45	4-8L	.20	.26	.31
2-5L	.19	.25	.29	4-14L	.04	.09	.15
2-14L	.05	.09	.15	4-19L	0	.05	.09
2-32L	.04	0	.01	4-32L	.03	.01	.04
2-38L	.07	.09	.03	4-38L	.05	.05	.03
2-44L	.08	.08	.04	4-44L	.07	.05	.03
2-70L	0	.01	.03	4-60L	.07	.05	.04
2-95L	.04	.03	.01	4-80L	0	0	.01

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TABLE 5. - CONTINUED
 (b) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
1-OC	.23	.24	.31	3-1.25U	-	1.49	-
1-1.25U	-	.24	.24	3-8U	-	.72	.76
1-2.5U	-	.19	-	3-14U	-	.57	.59
1-5U	-	.17	-	3-19U	-	.51	.52
1-8U	-	.20	-	3-32U	-	.36	.37
1-14J	-	.20	-	3-60U	-	.20	.20
1-19U	-	.24	-	3-70U	-	.13	.12
1-32U	-	.25	-	3-95U	-	.04	.04
3-70U	-	.17	.19	3-1.25L	-	.69	.69
3-80U	-	.13	.15	3-2.5L	-	.57	.59
3-90U	-	.09	.09	3-5L	-	.40	.44
1-95U	-	.04	-	3-8L	-	.31	.35
1-2.5L	-	.27	.29	3-14L	-	.21	.24
1-5L	-	.21	.24	3-32L	-	.05	.08
1-14L	-	.16	.17	3-38L	-	.01	.03
1-19L	-	.12	.15	3-60L	-	.05	.03
1-32L	-	.09	.11	3-80L	-	.01	.01
1-38L	-	.04	.05	3-95L	-	.04	.05
1-60L	-	.03	-	4-0C	-	1.43	2.05
1-70L	-	.03	-	4-1.25U	-	1.64	1.92
1-80L	-	.01	-	4-2.5U	-	1.28	1.47
2-1.25U	-	.51	.59	4-14U	-	.71	.75
2-2.5U	-	.96	.80	4-19U	-	.56	.59
2-5U	-	.63	.61	4-32U	-	.41	.43
2-32U	-	.15	.31	4-38U	-	.36	.37
2-38U	-	.35	.36	4-60U	-	.27	.27
2-44U	-	.17	.19	4-70U	-	.13	.12
2-70U	-	.12	-	4-90U	-	.01	.01
2-80U	-	.07	-	4-95U	-	.07	.05
2-95U	-	.01	.01	4-100C	-	.09	.08
2-100C	-	.01	-	4-2.5L	-	.61	.64
2-1.25L	-	.61	.56	4-5L	-	.45	.51
2-2.5L	-	.48	.47	4-8L	-	.36	.40
2-5L	-	.33	.35	4-14L	-	.19	.25
2-14L	-	.17	.17	4-19L	-	.15	.17
2-32L	-	.04	.05	4-32L	-	.08	.11
2-38L	-	0	.03	4-38L	-	.05	.04
2-44L	-	.01	.01	4-44L	-	0	.03
2-70L	-	.04	.05	4-60L	-	.03	0
2-95L	-	0	0	4-80L	-	.01	.03

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TABLE 5. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 16$	$\alpha = 18$		ORIFICE	$\alpha = 16$	$\alpha = 18$	
1-OC	.46	.55		3-1.25U	-	1.66	1.52
1-1.25U	.24	.09		3-8U	-	.72	.67
1-2.5U	-	.20	.10	3-14U	-	.56	.54
1-5U	-	.20	.15	3-19U	-	.49	.48
1-8U	-	.24	.21	3-32U	-	.37	.36
1-14J	-	.24	.21	3-60U	-	.21	.22
1-19U	-	.30	.28	3-70U	-	.11	.10
1-32U	-	.31	.30	3-95U	-	0	.03
1-70U	-	.23	.24	3-1.25L	-	.58	.34
1-80U	-	.18	.18	3-2.5L	-	.54	.36
1-90U	-	.11	.12	3-5L	-	.41	.30
1-95U	-	.03	.03	3-8L	-	.34	.25
1-2.5L	-	.25	.04	3-14L	-	.24	.18
1-5L	-	.21	.01	3-32L	-	.08	.06
1-14L	-	.15	.04	3-38L	-	.04	.03
1-19L	-	.14	.04	3-60L	-	.03	.03
1-32L	-	.13	.07	3-80L	-	0	0
1-38L	-	.07	.03	3-95L	-	.01	0
1-60L	-	0	.03	4-0C	-	2.20	1.36
1-70L	-	.01	.01	4-1.25U	-	1.97	1.43
1-80L	-	0	.01	4-2.5U	-	1.48	1.12
2-1.25U	-	.73	.79	4-14U	-	.76	.67
2-2.5U	-	.68	.70	4-19U	-	.59	.52
2-5U	-	.55	.58	4-32U	-	.42	.40
2-32U	-	.34	.34	4-38U	-	.42	.43
2-38U	-	.41	.42	4-60U	-	.27	.28
2-44U	-	.24	.28	4-70U	-	.11	.15
2-70U	-	.21	.19	4-90U	-	.01	.04
2-80U	-	.13	.13	4-95U	-	4	0
2-95U	-	.01	.01	4-100C	-	7	.03
2-100C	-	.03	.03	4-2.5L	-	.61	.34
2-1.25L	-	.35	.31	4-5L	-	.46	.25
2-2.5L	-	.32	.30	4-8L	-	.37	.19
2-5L	-	.27	.24	4-14L	-	.21	.09
2-14L	-	.20	.16	4-19L	-	.17	.06
2-32L	-	.08	.07	4-32L	-	8	.04
2-38L	-	.06	.04	4-38L	-	4	.01
2-44L	-	.03	.03	4-44L	-	1	.01
2-70L	-	.06	.06	4-60L	-	1	.03
2-95L	-	.01	.01	4-80L	-	1	0

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TABLE 5.—CONTINUED
(b)—Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
4-90L	.04	.03	.04	6-8L	—	.03	.07
4-95L	.08	.07	.08	6-14L	—	.09	.04
5-0C	.73	.58	.36	6-19L	—	.11	.07
5-1.25U	.21	.50	.75	6-38L	—	.15	.14
5-8U	.23	.36	.41	6-44L	—	.16	.15
5-14U	.24	.32	.37	6-60L	—	.15	.15
5-19U	.27	.34	.37	6-70L	—	.04	.01
5-38U	.19	.26	.26	7-0C	—	.67	.39
5-44U	.16	.22	.22	7-5U	—	.29	.47
5-60U	.17	.20	.20	7-8U	—	.25	.38
5-70U	.09	.14	.13	7-14U	—	.23	.31
5-80U	.07	.09	.08	7-19U	—	.23	.30
5-90U	.01	0	.01	7-38U	—	.23	.28
5-95U	.05	.04	.05	7-60U	—	.15	.19
5-1.25L	.23	.38	.51	7-90U	—	0	0
5-2.5L	.12	.24	.37	7-95U	—	.08	.07
5-5L	.03	.07	.18	7-1.25L	—	.13	.43
5-8L	—	.05	.04	7-2.5L	—	.09	.23
5-14L	—	.11	.03	7-5L	—	.01	.09
5-19L	—	.13	.08	7-8L	—	.07	.03
5-38L	—	.16	.14	7-14L	—	.12	.05
5-44L	—	.15	.12	7-19L	—	.13	.09
5-60L	—	.17	.16	7-32L	—	.15	.11
5-70L	—	.01	.03	7-44L	—	.13	.12
5-90L	—	.05	.04	7-60L	—	.11	.12
5-95L	—	.08	.07	7-70L	—	.07	.08
6-0C	—	.72	.58	7-90L	—	.05	.04
6-5U	—	.31	.49	7-95L	—	.09	.08
6-14U	—	.24	.34	8-0C	—	.67	.42
6-19U	—	.01	.05	8-1.25U	—	.21	.51
6-32U	—	.07	.01	8-2.5U	—	.32	.55
6-44U	—	.03	.04	8-5U	—	.27	.43
6-60U	—	.03	.19	8-8U	—	.25	.38
6-70U	—	.01	.16	8-14U	—	.23	.31
6-80U	—	.05	.07	8-19U	—	.23	.27
6-90U	—	.01	.03	8-60U	—	.05	.08
6-100C	—	.16	.14	8-80U	—	.04	.05
6-1.25L	—	.27	.42	8-90U	—	.03	.01
6-2.5L	—	.05	.20	8-95U	—	.09	.09
6-5L	—	.03	.09	8-100C	—	.16	.15

TABLE 5.- CONTINUED
(b) - Continued

ORIFICE	$\alpha = .4$	$\alpha = .6$	$\alpha = .8$	ORIFICE	$\alpha = .4$	$\alpha = .6$	$\alpha = .8$
4-90L	.04	.03	.05	6-8L	.25	.31	.36
4-95L	.07	.05	.07	6-14L	.11	.16	.21
5-0C	-.01	.52	-.77	6-19L	.07	.11	.17
5-1.25U	-.1.07	1.52	-.1.23	6-38L	-.05	-.03	.01
5-8U	-.51	.64	-.55	6-44L	-.07	-.05	-.01
5-14U	-.45	.53	-.58	6-60L	-.08	-.08	-.04
5-19U	-.43	.51	-.42	6-70L	0	.01	.04
5-38U	-.30	.35	-.36	7-0C	-.43	1.08	1.66
5-44U	-.25	.29	-.29	7-5U	-.71	.89	1.00
5-60U	-.21	.23	-.22	7-8U	-.54	.69	.76
5-70U	-.14	.16	-.14	7-14U	-.43	.53	.57
5-80U	-.08	.08	-.08	7-19U	-.39	.48	.50
5-90U	.01	.01	.03	7-38U	-.32	.36	.36
5-95U	.05	.05	.07	7-60U	-.18	.21	.20
5-1.25L	.61	.68	.71	7-90U	.03	.01	.03
5-2.5L	.46	.55	.61	7-95U	.08	.07	.08
5-5L	.28	.36	.42	7-1.25L	.63	.29	.71
5-8L	.21	.27	.33	7-2.5L	.46	.42	.61
5-14L	.12	.17	.22	7-5L	.30	.39	.45
5-19L	.04	.09	.13	7-8L	.20	.28	.34
5-38L	.05	.03	.01	7-14L	.11	.17	.21
5-44L	-.05	.03	0	7-19L	.04	.09	.14
5-60L	-.09	.09	.05	7-32L	-.01	0	.05
5-70L	.01	.01	.04	7-44L	-.05	.04	0
5-90L	.05	.04	.05	7-60L	-.07	.07	.04
5-95L	.08	.07	.09	7-70L	-.04	.04	.01
6-0C	-.04	.59	1.07	7-90L	.05	.04	.05
6-5U	.72	.91	1.01	7-95L	.09	.08	.08
6-14U	.45	.55	.59	8-0C	-.36	1.01	1.55
6-19U	-.03	.03	.01	8-1.25U	1.03	1.36	1.61
6-32U	-.11	.19	.20	8-2.5U	.91	1.17	1.33
6-44U	-.12	.17	.18	8-5U	.64	.83	.92
6-60U	-.20	.23	.21	8-8U	.54	.67	.74
6-70U	-.16	.17	.16	8-14U	.41	.51	.54
6-80U	-.07	.08	.07	8-19U	.37	.45	.47
6-90U	0	0	.01	8-60U	-.09	.12	.11
6-100C	.13	.12	.09	8-80U	-.04	.05	.03
6-1.25L	.63	.69	.72	8-90U	.03	.01	.03
6-2.5L	.43	.52	.59	8-95U	-.07	.07	.04
6-5L	.30	.39	.58	8-100C	.14	.13	.13

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TABLE 5.- CONTINUED
(b)- Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
4-90L	.04	.04	.05	6-8L	.40	.45	.50
4-95L	.05	.05	.05	6-14L	.25	.29	.74
5-0C	- 1.64	- 2.35	- 3.07	6-19L	.20	.24	.27
5-1.25U	- 1.77	- 2.13	- 2.62	6-38L	.04	.07	.08
5-8U	- .84	- .92	- 1.01	6-44L	- 0	.03	.05
5-14U	- .65	- .71	- .77	6-60L	- .04	- .03	- .01
5-19U	- .61	- .65	- .69	6-70L	- .04	- .05	- .05
5-38U	- .39	- .40	- .42	7-0C	- 2.48	- 3.28	- 4.16
5-44U	- .33	- .33	- .35	7-5U	- 1.17	- 1.31	- 1.45
5-60U	- .24	- .24	- .23	7-8U	- .88	- .99	- 1.08
5-70U	- .16	- .16	- .15	7-14U	-	.65	.78
5-80U	- .08	- .08	- .07	7-19U	-	.57	.61
5-90U	.01	.01	.01	7-38U	-	.40	.42
5-95U	.05	.05	.04	7-60U	-	.21	.22
5-1.25L	.72	.71	.69	7-90U	-	.03	.03
5-2.5L	.65	.68	.70	7-95U	-	.07	.07
5-5L	.48	.53	.58	7-1.25L	-	.72	.66
5-8L	.37	.43	.47	7-2.5L	-	.65	.69
5-14L	.25	.29	.34	7-5L	-	.51	.55
5-19L	.17	.17	.24	7-8L	-	.39	.44
5-38L	.04	.07	.09	7-14L	-	.25	.29
5-44L	.01	.05	.07	7-19L	-	.17	.20
5-60L	.05	.03	-	7-32L	-	.07	.09
5-70L	.04	.05	.05	7-44L	-	.01	.03
5-90L	.05	.05	.05	7-60L	-	.03	.01
5-95L	.08	.07	.07	7-70L	-	.01	0
6-0C	1.76	2.48	3.26	7-90L	-	.04	.04
6-5U	1.19	1.32	1.46	7-95L	-	.05	.07
6-14U	.67	.73	.80	8-0C	-	2.35	3.11
6-19U	.03	.03	.01	8-1.25U	-	1.97	2.27
6-32U	.25	.29	.34	8-2.5U	-	1.57	1.77
6-44U	.23	.25	.28	8-5U	-	1.08	1.21
6-60U	.23	.23	.23	8-8U	-	.85	.95
6-70U	.17	.17	.16	8-14U	-	.63	.68
6-80U	.07	.07	.07	8-19U	-	.55	.59
6-90U	.01	.03	.04	8-60U	-	.13	.14
6-100C	.11	.09	.07	8-80U	-	.05	.04
6-1.25L	.72	.71	.68	8-90U	-	.03	.03
6-2.5L	.64	.67	.69	8-95U	-	.05	.04
6-5L	.51	.55	.59	8-100C	-	.12	.11

~~CONFIDENTIAL~~
TABLE 5.-- CONTINUED
(b)-- Continued

ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$	ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$
4-90L	.03	.01	6-8L	.42	.21
4-95L	.04	.03	6-14L	.27	.12
5-OC	- 2.51	- 1.31	6-19L	.21	.09
5-1.25U	- 2.28	- 1.57	6-38L	.04	.01
5-8U	- .96	- .75	6-44L	.01	.03
5-14U	- .75	- .62	6-60L	.04	.06
5-19U	- .68	- .57	6-70L	.03	.01
5-38U	- .42	- .40	7-OC	- 3.83	- 2.32
5-44U	- .35	- .34	7-5U	- 1.46	- 1.15
5-60U	- .24	- .26	7-8U	- 1.11	- .91
5-70U	- .17	- .18	7-14U	.80	.71
5-80U	- .65	- .13	7-19U	.69	.63
5-90U	- 0	- .06	7-38U	.45	.43
5-95U	.03	.03	7-60U	.24	.26
5-1.25L	.65	.35	7-90U	.01	.10
5-2.5L	.63	.32	7-95U	.03	.06
5-5L	.49	.22	7-1.25L	.62	.32
5-8L	.39	.19	7-2.5L	.66	.38
5-14L	.27	.10	7-5L	.54	.28
5-19L	.18	.06	7-8L	.42	.21
5-38L	.04	0	7-14L	.28	.15
5-44L	.03	.01	7-19L	.20	.09
5-60L	.06	.06	7-32L	.07	.01
5-70L	.03	0	7-44L	.01	.03
5-90L	.03	0	7-60L	.04	.07
5-95L	.04	.01	7-70L	.04	.07
6-OC	- 2.80	1.65	7-90L	0	.04
6-5U	- 1.42	1.09	7-95L	.03	.03
6-14U	- .82	.74	8-OC	- 3.86	- 2.51
6-19U	- .03	.03	8-1.25U	- 2.63	- 1.85
6-32U	- .39	.43	8-2.5U	- 2.06	- 1.53
6-44U	- .34	.37	8-5U	- 1.42	- 1.16
6-60U	- .25	.26	8-8U	- 1.11	.94
6-70U	- .18	.21	8-14U	.80	.72
6-80U	- .08	.13	8-19U	.69	.65
6-90U	.03	.03	8-60U	.17	.21
6-100C	.04	.01	8-80U	.08	.16
6-1.25L	.63	.32	8-90U	.01	.10
6-2.5L	.62	.29	8-95U	.06	.09
6-5L	.52	.25	8-100C	.04	.06

TABLE 5. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
8-1.25L	.23	.39	.51	11-32U	-	.12	.18
8-2.5L	.09	.26	.37	12-32U	-	.08	.14
8-5L	-	.01	.09	TIP-32C	-	.07	.11
8-8L	-	.07	.03	11-32L	-	.07	.05
8-14L	-	.09	.03	10-32L	-	.09	.09
8-19L	-	.11	.05	10-70U	-	.07	.07
8-32L	-	.12	.09	11-70U	-	.07	.09
8-38L	-	.12	.11	12-70U	-	.09	.15
8-44L	-	.14	.11	TIP-70C	-	.01	.01
8-60L	-	.08	.07	12-70L	-	.05	.11
8-95L	-	.09	.09	11-70L	-	.05	.05
9-0C	-	.73	.59	10-70L	-	.05	.05
9-1.25U	-	.18	.42	FIN-1	-	.05	.05
9-2.5U	-	.14	.47	FIN-2	-	.11	.12
9-5U	-	.14	.41	FIN-3	-	.03	.04
9-14U	-	.12	.31	FIN-4	-	.01	.01
9-19U	-	.23	.28	FIN-5	-	.07	.07
9-32U	-	.20	.23	FIN-6	-	.07	.07
9-44U	-	.14	.15	FIN-7	-	.76	.74
9-70U	-	.03	.03	FIN-8	-	0	.01
9-80U	-	0	.01	FIN-9	-	.01	.01
9-100C	-	.16	.15	FIN-10	-	.01	.01
9-1.25L	-	.19	.34	FIN-11	-	.01	.01
9-5L	-	0	.09	FIN-12	-	0	0
9-8L	-	.08	0	FIN-13	-	.54	.51
9-14L	-	.11	.05	FIN-14	-	.16	.16
9-19L	-	.11	.07	FIN-15	-	.04	.03
9-32L	-	.15	.14	FIN-16	-	.01	.01
9-38L	-	.12	.11	FIN-17	-	.01	.01
9-44L	-	.07	.07	FIN-18	-	.01	.01
9-70L	-	.05	.05	FIN-19	-	.03	.03
9-90L	-	.07	.05	FIN-20	-	0	0
9-95L	-	.12	.11	FIN-21	-	.11	.11
2S-60U	-	.16	.18	FIN-22	-	.04	.04
2S-60L	-	.11	.09	FIN-23	-	.03	.03
5S-60U	-	.08	.07	FIN-24	-	.01	.01
5S-60L	-	.09	.09	FIN-25	-	.20	.20
8S-60U	-	.15	.15	FIN-26	-	.12	.12
8S-60L	-	.09	.08	FIN-27	-	.07	.07
10-32U	-	.03	.01	FIN-28	-	.08	.07

TABLE 5. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
8-1.25L	.60	.66	.68	11-32U	-	.25	.30
8-2.5L	.47	.54	.61	12-32U	-	.29	.41
8-5L	.28	.37	.43	TIP-32C	-	.28	.41
8-8L	.17	.25	.30	11-32L	-	.07	.08
8-14L	.09	.13	.20	10-32L	-	.07	.05
8-19L	.04	.08	.13	10-70U	-	.08	.09
8-32L	.03	.01	.03	11-70U	-	.21	.32
8-38L	-	.05	-	12-70U	-	.31	.36
8-44L	-	.07	-	.03	TIP-70C	-	.01
8-60L	-	.07	-	.07	12-70L	-	.51
8-95L	-	.08	.08	.08	11-70L	-	.14
9-0C	-	.03	.45	.93	10-70L	-	.08
9-1.25U	-	.80	1.07	1.32	FIN-1	-	.05
9-2.5U	-	.80	1.00	1.18	FIN-2	-	.11
9-5U	-	.61	.75	.87	FIN-3	-	.05
9-14U	-	.40	.46	.50	FIN-4	-	.01
9-19U	-	.36	.39	.43	FIN-5	-	.07
9-32U	-	.28	.29	.32	FIN-6	-	.07
9-44U	-	.19	.20	.20	FIN-7	-	.68
9-70U	-	.04	.04	.05	FIN-8	-	.04
9-80U	-	.01	.01	.01	FIN-9	-	.01
9-100C	-	.13	.12	.11	FIN-10	-	.01
9-1.25L	-	.55	.62	.66	FIN-11	-	.01
9-5L	-	.28	.34	.41	FIN-12	-	.01
9-8L	-	.15	.21	.26	FIN-13	-	.43
9-14L	-	.05	.11	.14	FIN-14	-	.13
9-19L	-	0	.05	.08	FIN-15	-	.01
9-32L	-	.08	.07	.04	FIN-16	-	.01
9-38L	-	.07	.04	.03	FIN-17	-	.05
9-44L	-	.04	.01	.01	FIN-18	-	.03
9-70L	-	.05	.05	.05	FIN-19	-	.01
9-90L	-	.04	.04	.04	FIN-20	-	.01
9-95L	-	.11	.11	.11	FIN-21	-	.11
2S-60U	-	.17	.17	.17	FIN-22	-	.04
2S-60L	-	.08	.07	.07	FIN-23	-	.03
5S-60U	-	.07	.07	.07	FIN-24	-	.01
5S-60L	-	.07	.07	.05	FIN-25	-	.20
8S-60U	-	.16	.16	.16	FIN-26	-	.13
8S-60L	-	.07	.05	.04	FIN-27	-	.07
10-32U	-	0	.01	.01	FIN-28	-	.05

TABLE 5. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
8-1.25L	.70	.68	.66	11-32U	-	.43	.48
8-2.5L	.64	.68	.69	12-32U	-	.64	.80
8-5L	.47	.53	.57	TIP-32C	-	.67	.85
8-8L	.36	.40	.45	11-32L	-	.12	.15
8-14L	.22	.28	.31	10-32L	-	.04	.04
8-19L	.17	.20	.24	10-70U	-	.13	.16
8-32L	.05	.08	.11	11-70U	-	.50	.60
8-38L	.01	.04	.07	12-70U	-	.47	.55
8-44L	-	.01	.01	TIP-70C	-	.01	.03
8-60L	-	.05	.04	12-70L	-	.83	1.01
8-95L	.08	.07	.07	11-70L	-	.22	.27
9-0C	-	1.50	2.15	2.85	10-70L	-	.11
9-1.25U	-	1.55	1.85	2.14	FIN-1	-	.03
9-2.5U	-	1.37	1.59	1.78	FIN-2	-	.11
9-5U	-	.99	1.11	1.23	FIN-3	-	.09
9-14U	-	.55	.60	.65	FIN-4	-	.01
9-19U	-	.46	.51	.54	FIN-5	-	.07
9-32U	-	.33	.35	.36	FIN-6	-	.07
9-44U	-	.21	.23	.24	FIN-7	-	.61
9-70U	-	.05	.08	.09	FIN-8	-	.07
9-80U	-	.03	.04	.05	FIN-9	-	.01
9-100C	.09	.07	.04	FIN-10	-	.01	.01
9-1.25L	.67	.68	.66	FIN-11	-	.01	.01
9-5L	.46	.51	.54	FIN-12	-	.01	.01
9-8L	.32	.36	.39	FIN-13	-	.37	.35
9-14L	.18	.20	.24	FIN-14	-	.11	.09
9-19L	.12	.13	.16	FIN-15	-	0	.01
9-32L	-	.01	0	.01	FIN-16	-	.01
9-38L	-	.01	0	.01	FIN-17	-	.05
9-44L	-	0	.01	.01	FIN-18	-	.03
9-70L	-	.05	.05	.07	FIN-19	-	.01
9-90L	.04	.03	.01	FIN-20	-	.01	.01
9-95L	.11	.09	.08	FIN-21	-	.09	.08
2S-60U	-	.17	.19	.19	FIN-22	-	.03
2S-60L	-	.05	.05	.05	FIN-23	-	.01
5S-60U	-	.07	.07	.07	FIN-24	-	.03
5S-60L	-	.04	.03	.03	FIN-25	-	.18
8S-60U	-	.16	.16	.15	FIN-26	-	.12
8S-60L	-	.04	.03	.01	FIN-27	-	.07
10-32U	.03	.03	.04	FIN-28	-	.07	.05

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TABLE 5. - CONTINUED
(b) - Concluded

ORIFICE	$\alpha = 16$	$\alpha = 18$	ORIFICE	$\alpha = 16$	$\alpha = 18$
8-1.25L	.62	.35	11-32U	-	.64
8-2.5L	.65	.38	12-32U	-	.86
8-5L	.54	.30	TIP-32C	-	.88
8-8L	.41	.23	11-32L	-	.23
8-14L	.27	.14	10-32L	-	.11
8-19L	.20	.08	10-70U	-	.38
8-32L	.07	.02	11-70U	-	.53
8-38L	.03	-	12-70U	-	.52
8-44L	-	.01	TIP-70C	-	.02
8-60L	-	.07	12-70L	-	.73
8-95L	.01	-	11-70L	-	.27
9-0C	-	2.80	10-70L	-	.18
9-1.25U	-	2.24	FIN-1	-	.06
9-2.5U	-	1.89	FIN-2	-	.15
9-5U	-	1.37	FIN-3	-	.05
9-14U	-	.73	FIN-4	-	.08
9-19U	-	.59	FIN-5	-	.02
9-32U	-	.41	FIN-6	-	0
9-44U	-	.30	FIN-7	-	.47
9-70U	-	.15	FIN-8	-	.08
9-80U	-	.10	FIN-9	-	.02
9-100C	-	.01	FIN-10	-	.03
9-1.25L	.63	.38	FIN-11	-	.08
9-5L	.52	.32	FIN-12	-	.06
9-8L	.38	.21	FIN-13	-	.36
9-14L	.21	.09	FIN-14	-	.11
9-19L	.14	.03	FIN-15	-	.02
9-32L	-	.01	FIN-16	-	0
9-38L	-	.01	FIN-17	-	.02
9-44L	-	0	FIN-18	-	.03
9-70L	-	.10	FIN-19	-	.06
9-90L	-	.01	FIN-20	-	.05
9-95L	.04	.06	FIN-21	-	.14
2S-60U	-	.21	FIN-22	-	.08
2S-60L	-	.07	FIN-23	-	.08
5S-60U	-	.08	FIN-24	-	.02
5S-60L	-	.04	FIN-25	-	.24
8S-60U	-	.17	FIN-26	-	.17
8S-60L	-	.06	FIN-27	-	.11
10-32U	.04	.02	FIN-28	-	.11

TABLE 5. -- CONTINUED
 (c) $\beta_s = 8^\circ$.

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
1-OC	.31	.09	.12	3-1.25U	.64	1.14	1.39
1-1.25U	.78	.99	1.12	3-8U	.50	.61	.69
1-2.5U	.58	.74	.77	3-14U	.42	.50	.56
1-5U	.41	.39	.48	3-19U	.39	.46	.51
1-8U	.32	.41	.47	3-32U	.28	4.39	.37
1-14J	.22	.27	.32	3-60U	.18	.20	.21
1-19U	.23	.28	.32	3-70U	.14	.15	.16
1-32U	.16	.22	.24	3-95U	.07	.07	.07
1-70U	.19	.19	.20	3-1.25L	.59	.68	.72
1-80U	.08	.09	.09		.41	.50	.56
1-90U	.04	.04	.04	3-2.5L	.22	.31	.37
1-95U	.05	.04	.03	3-5L	.16	.23	.29
1-2.5L	.47	.54	.57	3-8L	.05	1.35	.17
1-5L	.31	.36	.40	3-14L	.04	0	.03
1-14L	.14	.18	.21	3-32L	.23	.05	.01
1-19L	.07	.11	.16	3-38L	.09	.09	.07
1-32L	.04	.07	.12	3-60L	.01	.01	0
1-38L	.01	.01	.04	3-80L	.07	.07	.07
1-60L	.07	.05	.04	3-95L	.27	.16	.68
1-70L	.04	.03	.03	4-OC	.81	1.14	1.33
1-70L	.01	.01	0	1.25U	.73	1.00	1.09
1-80L	.91	.93	.97	1.25U	.53	.61	.67
2-1.25U	.72	.89	.97	4-14U	.39	.46	.52
2-2.5U	.55	.69	.93	4-19U	.31	.36	.40
2-5U	.24	.28	.32	4-32U	.34	.34	.35
2-32U	.31	.35	.37	4-38U	.24	.27	.28
2-38U	.22	.20	.21	4-60U	.11	.12	.13
2-44U	.11	.14	.15	4-70U	.01	0	.01
2-70U	.05	.07	.07	4-90U	.07	.07	.08
2-80U	.08	.08	.07	4-95U	.15	.14	.13
2-95U	.09	.08	.07	4-100C	.41	.51	.59
2-100C	.61	.69	.76	2.5L	.23	.32	.40
2-1.25L	.42	.50	.56	5L	.16	.24	.32
2-2.5L	.24	.32	.39	4-8L	.03	.08	.15
2-5L	.07	.12	.17	4-14L	.03	.03	.08
2-14L	.03	0	.03	4-19L	.04	0	.04
2-32L	.05	.03	0	4-32L	.11	.07	.03
2-38L	.07	.04	.03	4-38L	.09	.07	.03
2-44L	.05	.05	.05	4-44L	.08	.07	.04
2-70L	.07	.05	.05	4-60L	.0	0	.01
2-95L				4-80L			

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TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	- .32	- .56	- .67	3-1.25U	- 1.65	- 1.99	- 2.19
1-1.25U	1.22	1.25	1.28	3-8U	.80	.89	.96
1-2.5U	- .80	- .83	- .84	3-14U	- .62	- .69	- .73
1-5U	- .54	- .57	- .57	3-19U	- .57	- .61	- .64
1-8U	- .50	- .51	- .52	3-32U	- .41	- .44	- .45
1-14J	- .35	- .37	- .37	3-60U	- .23	- .24	- .24
1-19U	- .36	- .37	- .39	3-70U	- .18	- .17	- .17
1-32U	- .28	- .31	- .32	3-95U	.05	.05	.05
3-70U	- .20	- .20	- .20	3-1.25L	.76	.76	.76
3-60U	- .11	- .12	- .13	3-2.5L	.64	.68	.69
3-90U	- .05	- .07	- .08	3-5L	.45	.51	.55
1-95U	.01	0	-	3-8L	.35	.40	.44
1-2.5L	.59	.61	.64	3-14L	.22	.27	.31
1-5L	.43	.47	.49	3-32L	.05	.09	.12
1-14L	.24	.28	.31	3-38L	.01	.04	.07
1-19L	.19	.21	.24	3-60L	.05	.03	.01
1-32L	.15	.17	.19	3-80L	- 0	.01	.01
1-38L	.07	.09	.11	3-95L	.07	.05	.09
1-60L	- .03	0	.01	4-0C	- 1.23	- 2.07	- 2.69
1-70L	- 0	.01	.03	4-1.25U	1.59	2.03	2.31
1-80L	.14	.01	.01	4-2.5U	.59	1.56	1.73
2-1.25U	- 1.07	1.16	1.25	4-14U	- .73	.80	.85
2-2.5U	- 1.20	1.36	1.44	4-19U	- .58	.63	.68
2-5U	- .91	1.00	1.05	4-32U	- .43	.47	.49
2-32U	- .35	.37	.39	4-38U	- .38	.40	.43
2-38U	.41	.43	.44	4-60U	- .28	.29	.31
2-44U	- .22	.23	.24	4-70U	- .15	.15	.16
2-70U	- .16	.16	.16	4-90U	.01	.01	.01
2-80U	- .07	.07	.08	4-95U	.07	.07	.07
2-95U	.07	.05	.05	4-100C	.12	.11	.09
2-100C	.05	.04	.03	4-2.5L	.64	.69	.73
2-1.25L	.76	.76	.76	4-5L	.46	.53	.57
2-2.5L	.61	.65	.68	4-8L	.38	.43	.47
2-5L	.43	.48	.25	4-14L	.19	.24	.29
2-14L	.16	.27	.29	4-19L	.14	.19	.23
2-32L	.05	.09	.11	4-32L	.07	.11	.13
2-38L	.01	.05	.07	4-38L	- 0	.04	.07
2-44L	0	.03	.04	4-44L	- .01	.03	.05
2-70L	.07	.08	.09	4-60L	- .03	0	.01
2-95L	.04	.04	.04	4-80L	.03	.03	.04

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TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
1-OC	- .69	- .73	- .64	3-1.25U	- 2.44	- 2.68	- 2.85
1-1.25U	- 1.27	- 1.30	- 1.36	3-8U	- 1.01	- 1.09	- 1.14
1-2.5U	- .83	- .92	- .88	3-14U	- .77	- .82	- .85
1-5U	- .56	- .58	- .59	3-19U	- .68	- .72	- .74
1-8U	- .51	- .53	- .53	3-32U	- .47	- .50	- .51
1-14J	- .37	- .39	- .40	3-60U	- .24	- .26	- .26
1-19U	- .39	- .41	- .41	3-70U	- .17	- .18	- .18
1-32U	- .33	- .35	- .37	3-95U	.05	.04	.03
1-70U	.20	.22	.22	3-1.25L	.75	.72	.70
1-80U	- .13	- .16	- .16	3-2.5L	.71	.73	.74
1-90U	.09	.11	.11	3-5L	.57	.61	.63
1-95U	- .01	- .03	- .04	3-8L	.48	.50	.55
1-2.5L	.64	.66	.68	3-14L	.35	.32	.40
1-5L	.51	.51	.53	3-32L	.16	.18	.19
1-14L	.32	.32	.36	3-38L	.09	.11	.14
1-19L	.25	.27	.29	3-60L	- 0	.01	.03
1-32L	.20	.22	.23	3-80L	.03	.03	.04
1-38L	.12	.14	.15	3-95L	.05	.05	.05
1-60L	.03	.03	.04	4-OC	- 3.57	- 4.39	- 5.16
1-70L	.04	.04	.05	4-1.25U	- 2.65	- 2.99	- 3.27
1-80L	.03	.03	.04	4-2.5U	- 1.97	- 2.18	- 2.37
2-1.25U	- 1.37	- 1.50	- 1.60	4-14U	- .91	- .97	- 1.01
2-2.5U	- 1.51	- 1.58	- 1.62	4-19U	- .72	- .77	- .81
2-5U	- 1.09	- 1.14	- 1.15	4-32U	- .51	- .41	- .58
2-32U	- .40	- .42	- .44	4-38U	- .44	- .47	- .49
2-38U	.45	.47	.48	4-60U	- .29	- .31	- .32
2-44U	.25	.27	.27	4-70U	- .15	- .16	- .16
2-70U	- .17	- .19	- .21	4-90U	.01	- 0	- 0
2-80U	- .08	- .09	- .10	4-95U	.05	.05	.04
2-95U	.04	.03	.03	4-100C	.08	.07	.05
2-100C	.01	.01	- 0	4-2.5L	.73	.74	.75
2-1.25L	.75	.76	.74	4-7L	.60	.65	.68
2-2.5L	.69	.70	.71	4-8L	.51	.54	.58
2-5L	.55	.57	.58	4-14L	.33	.36	.41
2-14L	.45	.34	.36	4-19L	.27	.30	.33
2-32L	.13	.15	.16	4-32L	.17	.19	.22
2-38L	.09	.11	.12	4-38L	.09	.11	.14
2-44L	.07	.08	.10	4-44L	.08	.09	.11
2-70L	.09	.11	.11	4-60L	.03	.04	.05
2-95L	.04	.04	.04	4-80L	.05	.05	.05

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TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 16$	$\alpha = 18$	ORIFICE	$\alpha = 16$	$\alpha = 18$
1-OC	- .80	- .79	3-1.25U	- 2.59	- 1.93
1-1.25U	- 1.35	- 1.03	3-8U	- 1.07	- .96
1-2.5U	- .87	- .70	3-14U	- .82	- .73
1-5U	- .61	- .51	3-19U	- .70	- .64
1-8U	- .54	- .48	3-32U	- .51	- .45
1-14J	- .39	- .39	3-60U	- .27	- .27
1-19U	- .41	- .40	3-70U	- .17	- .16
1-32U	- .37	- .36	3-95U	.03	- .04
1-70U	- .24	- .25	3-1.25L	.65	.31
1-80U	- .17	- .18	3-2.5L	.66	.40
1-90U	- .11	- .13	3-5L	.56	.36
1-95U	- .04	- .06	3-8L	.46	.34
1-2.5L	.66	.46	3-14L	.35	.27
1-5L	.54	.39	3-32L	.15	.15
1-14L	.34	.28	3-38L	.10	.10
1-19L	.28	.19	3-60L	.01	.03
1-32L	.23	.21	3-80L	.03	.03
1-38L	.15	.15	3-95L	.04	.01
1-60L	.04	.04	4-OC	- 4.58	- 3.00
1-70L	.06	.04	4-1.25U	- 3.01	- 2.01
1-80L	.03	.03	4-2.5U	- 2.18	- 1.57
2-1.25U	- 1.79	- 1.91	4-14U	- .99	- .87
2-2.5U	- 1.52	- 1.40	4-19U	- .79	- .70
2-5U	- 1.10	- 1.03	4-32U	- .56	- .51
2-32U	- .42	- .39	4-38U	- .52	- .55
2-38U	- .48	- .43	4-60U	- .34	- .34
2-44U	- .31	- .34	4-70U	- .17	- .21
2-70U	- .20	- .18	4-90U	- .03	- .09
2-80U	- .11	- .12	4-95U	.01	- .04
2-95U	.01	- .03	4-100C	.03	- .01
2-100C	- 0	- .06	4-2.5L	.68	.31
2-1.25L	.69	.43	4-5L	.59	.31
2-2.5L	.66	.49	4-8L	.49	.28
2-5L	.54	.45	4-14L	.34	.21
2-14L	.32	.31	4-19L	.28	.18
2-32L	.15	.16	4-32L	.17	.13
2-38L	.10	.12	4-38L	.10	.09
2-44L	.08	.10	4-44L	.08	.07
2-70L	.10	.10	4-60L	.03	.03
2-95L	.03	- 0	4-80L	.04	.03

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TABLE 5.- CONTINUED
(c)- Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
4-90L	.05	.05	.05	6-8L	.19	.27	.33
4-95L	.08	.08	.08	6-14L	.05	.12	.19
5-0C	.29	-.13	-.67	6-19L	0	.08	.13
5-1.25U	-.88	1.25	1.69	6-38L	-.08	-.04	0
5-8U	-.47	-.57	-.69	6-44L	-.08	-.05	.03
5-14U	.40	.49	.57	6-60L	-.12	-.08	.07
5-19U	-.40	.48	.55	6-70L	-.01	0	.03
5-38U	.29	-.32	-.36	7-0C	.05	.49	1.13
5-44U	.24	-.28	-.31	7-5U	-.64	.77	.93
5-60U	.20	-.23	-.24	7-8U	-.47	.60	.72
5-70U	.13	-.15	-.16	7-14U	-.39	.47	.55
5-80U	-.08	-.08	-.08	7-19U	-.36	.43	.49
5-90U	.03	.01	.01	7-38U	-.31	.35	.36
5-95U	.07	.07	.07	7-60U	-.19	.20	.21
5-1.25L	.59	.68	.75	7-90U	.01	.01	.03
5-2.5L	.43	.53	.61	7-95U	.08	.09	.08
5-5L	.24	.33	.41	7-1.25L	.60	.69	.75
5-8L	.16	.25	.32	7-2.5L	.40	.52	.60
5-14L	.05	.13	.20	7-5L	.24	.33	.43
5-19L	0	.07	.12	7-8L	.13	.21	.31
5-38L	.08	-.05	-.01	7-14L	-.03	.12	.19
5-44L	.07	-.04	-.01	7-19L	-.01	.05	.11
5-60L	.12	-.11	-.08	7-32L	-.05	.01	.03
5-70L	.01	.03	.04	7-44L	-.08	.05	.01
5-90L	.05	.07	.07	7-60L	-.08	.07	.05
5-95L	.09	.09	.08	7-70L	-.05	.04	.03
6-0C	.32	-.11	.65	7-90L	.05	.05	.05
6-5U	.65	-.80	.96	7-95L	.09	.09	.09
6-14U	.43	-.51	.57	8-0C	.13	.37	.99
6-19U	.04	-.03	.03	8-1.25U	-.80	1.13	1.40
6-32U	.37	-.36	.36	8-2.5U	-.77	.97	.93
6-44U	.31	-.29	.29	8-5U	-.59	.69	.85
6-60U	.20	-.21	.23	8-8U	-.45	.59	.68
6-70U	.17	-.19	.19	8-14U	-.36	.45	.51
6-80U	.07	-.07	.07	8-19U	-.33	.40	.45
6-90U	.01	0	0	8-60U	-.13	.13	.13
6-100C	.16	.15	.15	8-80U	-.04	.04	.04
6-1.25L	.60	.71	.76	8-90U	-.03	.03	.03
6-2.5L	.37	.48	.57	8-95U	-.07	.05	.05
6-5L	.24	.35	.43	8-100C	.16	.16	.15

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TABLE 5.-- CONTINUED
(c)-- Continued.

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
4-90L	.05	.07	.05	6-8L	.41	.46	.51
4-95L	.07	.08	.07	6-14L	.24	.30	.35
5-0C	- 1.30	- 2.07	- 2.85	6-19L	.18	.24	.28
5-1.25U	- 1.74	- 2.05	- 2.47	6-38L	.01	.07	.08
5-8U	- .82	- .92	- 1.04	6-44L	-	.01	.03
5-14U	- .66	- .72	- .80	6-60L	-	.05	.01
5-19U	- .62	- .66	- .73	6-70L	.03	.07	.07
5-38U	- .39	- .41	- .45	7-0C	- 1.89	- 2.78	- 3.80
5-44U	- .34	- .34	- .37	7-5U	- 1.12	- 1.26	- 1.45
5-60U	- .26	- .25	- .27	7-8U	- .85	- .93	- 1.08
5-70U	- .18	- .16	- .17	7-14U	- .64	- .70	.79
5-80U	- .09	- .08	- .09	7-19U	- .57	- .61	.68
5-90U	- 0	.03	.01	7-38U	- .41	- .41	.44
5-95U	.05	.07	.05	7-60U	- .23	- .22	.24
5-1.25L	.77	.78	.76	7-90U	.01	.03	.03
5-2.5L	.66	.72	.75	7-95U	.08	.09	.08
5-5L	.47	.55	.60	7-1.25L	.77	.76	.75
5-8L	.38	.45	.48	7-2.5L	.66	.71	.75
5-14L	.24	.30	.35	7-5L	.49	.55	.60
5-19L	.16	.21	.25	7-8L	.36	.45	.49
5-38L	.01	.07	.08	7-14L	.24	.29	.33
5-44L	- 0	.05	.07	7-19L	.15	.21	.25
5-60L	- .07	- .03	- .03	7-32L	.04	.11	.12
5-70L	.04	.07	.07	7-44L	- .01	.03	.05
5-90L	.05	.07	.07	7-60L	- .04	.01	0
5-95L	.08	.09	.08	7-70L	.03	0	0
6-0C	- 1.28	- 2.08	- 2.95	7-90L	.04	.07	.05
6-5U	- 1.15	- 1.29	- 1.48	7-95L	.08	.09	.08
6-14U	- .66	.71	.81	8-0C	- 1.70	- 2.54	- 2.20
6-19U	- .04	.01	.03	8-1.25U	- 1.76	- 2.11	- 2.52
6-32U	- .39	.58	.41	8-2.5U	- 1.46	- 1.67	- 1.96
6-44U	- .32	.30	.33	8-5U	- 1.03	- 1.14	- 1.33
6-60U	- .26	.24	.25	8-8U	- .82	- .91	- 1.04
6-70U	- .20	.17	.19	8-14U	- .61	- .64	.75
6-80U	- .08	.07	.07	8-19U	- .54	- .57	.65
6-90U	- 0	.01	.01	8-60U	- .15	- .13	.15
6-100C	.12	.12	.11	8-80U	- .05	- .04	.05
6-1.25L	.78	.78	.75	8-90U	.01	.03	.03
6-2.5L	.65	.70	.73	8-95U	.05	.03	.03
6-5L	.49	.57	.61	8-100C	.12	.13	.11

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TABLE 5.- CONTINUED
(c)- Continued

ORIFICE	$\alpha=1.0$	$\alpha=1.2$	$\alpha=1.4$	ORIFICE	$\alpha=1.0$	$\alpha=1.2$	$\alpha=1.4$
4-90L	.05	.05	.05	6-8L	.56	.59	.60
4-95L	.07	.05	.05	6-14L	.39	.42	.44
5-0C	-	3.80	-	6-19L	.32	.34	.36
5-1.25U	-	2.93	-	6-38L	.12	.12	.15
5-8U	-	1.16	-	6-44L	.08	.08	.10
5-14U	-	.88	-	6-60L	-	0	.01
5-19U	-	.77	-	6-70L	.08	.08	.10
5-38U	-	.47	-	7-0C	-	2.22	-
5-44U	-	.40	-	7-5U	-	1.74	-
5-60U	-	.27	-	7-8U	-	1.20	-
5-70U	-	.17	-	7-14U	-	.87	-
5-80U	-	.08	-	7-19U	-	.73	-
5-90U	.01	-	0	7-38U	-	.47	-
5-95U	.05	-	.04	7-60U	-	.24	-
5-1.25L	.71	-	.65	7-90U	-	.03	-
5-2.5L	.76	-	.76	7-95U	-	.07	-
5-5L	.64	-	.68	7-1.25L	-	.68	-
5-8L	.53	-	.57	7-2.5L	-	.76	-
5-14L	.39	-	.42	7-5L	-	.65	-
5-19L	.29	-	.32	7-8L	-	.53	-
5-38L	.12	-	.14	7-14L	-	.39	-
5-44L	.09	-	.11	7-19L	-	.29	-
5-60L	-	0	-	7-32L	-	.16	-
5-70L	-	.08	-	7-44L	-	.09	-
5-90L	-	.07	-	7-60L	-	.01	-
5-95L	-	.07	-	7-70L	-	.01	-
6-0C	-	3.91	-	7-90L	-	.05	-
6-5U	-	1.64	-	7-95L	-	.08	-
6-14U	-	.88	-	8-0C	-	4.55	-
6-19U	-	.01	-	8-1.25U	-	2.91	-
6-32U	-	.44	-	8-2.5U	-	2.21	-
6-44U	-	.35	-	8-5U	-	1.49	-
6-60U	-	.27	-	8-8U	-	1.15	-
6-70U	-	.17	-	8-14U	-	.81	-
6-80U	-	.07	-	8-19U	-	.71	-
6-90U	.03	-	.03	8-60U	-	.15	-
6-100C	.08	-	.05	8-80U	-	.05	-
6-1.25L	.69	-	.66	8-90U	-	.01	-
6-2.5L	.75	-	.77	8-95U	-	.01	-
6-5L	.67	-	.69	8-100C	-	.09	-
						.03	-
						.03	.04

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.08

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TABLE 5.- CONTINUED
(c)- Continued

ORIFICE	$\alpha=16$	$\alpha=18$	ORIFICE	$\alpha=16$	$\alpha=18$
4-90L	.03	0	6-8L	.54	.30
4-95L	.03	0	6-14L	.39	.23
5-0C	-.86	2.98	6-19L	.31	.20
5-1.25U	-.3.59	2.29	6-38L	.11	.08
5-8U	-.1.40	1.14	6-44L	.07	.05
5-14U	-.1.07	.89	6-60L	.01	.03
5-19U	-.94	.80	6-70L	.06	0
5-38U	-.57	.55	7-0C	2.83	2.47
5-44U	-.49	.45	7-5U	1.71	1.32
5-60U	-.34	.35	7-8U	1.57	1.15
5-70U	-.21	.26	7-14U	1.30	.94
5-80U	-.14	.21	7-19U	1.14	.83
5-90U	-.06	.14	7-38U	.70	.55
5-95U	-.03	.12	7-60U	.39	.36
5-1.25L	.49	.14	7-90U	.14	.23
5-2.5L	.64	.29	7-95U	.11	.20
5-5L	.60	.30	7-1.25L	.61	.23
5-8L	.53	.30	7-2.5L	.71	.39
5-14L	.37	.23	7-5L	.64	.36
5-19L	.29	.18	7-8L	.54	.32
5-38L	.11	.09	7-14L	.40	.24
5-44L	.09	.08	7-19L	.30	.20
5-60L	-.01	.02	7-32L	.16	.09
5-70L	.06	.03	7-44L	.07	.03
5-90L	.01	.02	7-60L	.01	.05
5-95L	.01	.03	7-70L	.03	.08
6-0C	-.3.03	2.55	7-90L	.04	.11
6-5U	-.1.96	1.41	7-95L	.04	.11
6-14U	-.1.36	1.08	8-0C	2.07	2.08
6-19U	-.03	.05	8-1.25U	1.59	1.53
6-32U	-.64	.70	8-2.5U	1.51	1.36
6-44U	-.49	.55	8-5U	1.41	1.21
6-60U	-.37	.38	8-8U	1.33	1.08
6-70U	-.29	.30	8-14U	1.16	.91
6-80U	-.19	.24	8-19U	1.11	.85
6-90U	-.03	.02	8-60U	.20	.24
6-100C	-.04	.15	8-80U	.21	.27
6-1.25L	.54	.15	8-90U	.17	.23
6-2.5L	.66	.27	8-95U	.06	.08
6-5L	.61	.32	8-100C	.13	.21

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TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
8-1.25L	.55	.66	.71	11-32U	-	.24	.31
8-2.5L	.41	.51	.59	12-32U	-	.22	.32
8-5L	.22	.31	.40	TIP-32C	-	.15	.28
8-8L	.12	.20	.27	11-32L	-	.05	.04
8-14L	.03	.11	.01	10-32L	-	.07	.05
8-19L	-	.05	.08	10-70U	-	.11	.12
8-32L	-	.05	.01	11-70U	-	.18	.28
8-38L	-	.07	.04	12-70U	-	.34	.47
8-44L	-	.08	.07	TIP-70C	-	.01	.01
8-60L	-	.09	.08	12-70L	-	.18	.16
8-95L	.09	.09	.08	11-70L	-	.07	.09
9-0C	.43	.07	.40	10-70L	-	.07	.07
9-1.25U	-	.69	.95	FIN-1	-	.15	.16
9-2.5U	-	.68	.86	FIN-2	-	.35	.38
9-5U	-	.55	.66	FIN-3	-	.09	.09
9-14U	-	.36	.84	FIN-4	-	.01	.01
9-19U	-	.32	.39	FIN-5	-	.12	.12
9-32U	-	.27	.30	FIN-6	-	.12	.26
9-44U	-	.19	.20	FIN-7	-	2.01	2.11
9-70U	-	.07	.07	FIN-8	-	.04	.03
9-80U	-	.01	.01	FIN-9	-	.03	.03
9-100C	-	.15	.14	FIN-10	-	.01	.01
9-1.25L	.50	.61	.67	FIN-11	-	.04	.04
9-5L	.22	.30	.37	FIN-12	-	.04	.05
9-8L	.08	.16	.23	FIN-13	-	1.14	1.34
9-14L	-	0	.07	FIN-14	-	.20	.20
9-19L	-	.03	.01	FIN-15	-	.01	.01
9-32L	-	.09	.07	FIN-16	-	0	.01
9-38L	-	.08	.05	FIN-17	-	.01	.03
9-44L	-	.05	.03	FIN-18	-	.05	.05
9-70L	-	.05	.05	FIN-19	-	.01	.03
9-90L	.05	.05	.05	FIN-20	-	.03	.04
9-95L	.11	.11	.11	FIN-21	-	.09	.09
2S-60U	-	.18	.19	FIN-22	-	0	0
2S-60L	-	.09	.08	FIN-23	-	0	0
5S-60U	-	.09	.08	FIN-24	-	.01	.01
5S-60L	-	.07	.05	FIN-25	-	.20	.20
8S-60U	-	.18	.18	FIN-26	-	.11	.11
8S-60L	-	.07	.07	FIN-27	-	.07	.05
10-32U	-	.03	.01	FIN-28	-	.07	.05

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TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
8-1.25L	.74	.75	.73	11-32U	-	.43	.53
8-2.5L	.66	.71	.73	12-32U	-	.59	.76
8-5L	.47	.53	.59	TIP-32C	-	.54	.72
8-8L	.34	.40	.45	11-32L	-	.04	.07
8-14L	.20	.25	.31	10-32L	-	.01	.01
8-19L	.14	.19	.23	10-70U	-	.12	.15
8-32L	.04	.08	.11	11-70U	-	.49	.60
8-38L	- 0	- .04	.07	12-70U	-	.66	.69
8-44L	- .01	- 0	.03	TIP-70C	-	0	.01
8-60L	- .08	- .08	- .07	12-70L	-	.64	.84
8-95L	- .08	- .08	.08	11-70L	-	.15	.20
9-OC	- .96	- 1.65	- 2.45	10-70L	-	.08	.08
9-1.25U	- 1.41	- 1.71	- 2.05	FIN-1	-	.16	.16
9-2.5U	- 1.28	- 1.51	- 1.75	FIN-2	-	.39	.37
9-5U	- .93	- 1.08	- 1.23	FIN-3	-	.07	.05
9-14U	- 5.5	- 6.0	- 6.5	FIN-4	-	.03	.04
9-19U	- 4.7	- 5.1	- 5.5	FIN-5	-	.14	.12
9-32U	- .35	- .36	- .39	FIN-6	-	.14	.13
9-44U	- .23	- .24	- .25	FIN-7	-	2.05	1.92
9-70U	- .09	- .11	- .12	FIN-8	-	.01	.03
9-80U	- .04	- .04	- .05	FIN-9	-	.05	.05
9-100C	.12	.11	.08	FIN-10	-	.04	.04
9-1.25L	.73	.73	.73	FIN-11	-	.04	.04
9-5L	.45	.51	.56	FIN-12	-	.05	.05
9-8L	.28	.35	.40	FIN-13	-	1.47	1.44
9-14L	.16	.33	.25	FIN-14	-	.18	.16
9-19L	.09	.13	.17	FIN-15	-	0	.03
9-32L	.03	- 0	.03	FIN-16	-	.03	.04
9-38L	- .01	- 0	.03	FIN-17	-	.05	.05
9-44L	- 0	- .01	.04	FIN-18	-	.07	.07
9-70L	- .05	- .05	- .04	FIN-19	-	.03	.03
9-90L	.04	.04	.04	FIN-20	-	.04	.04
9-95L	.11	.09	.09	FIN-21	-	.08	.08
2S-60U	.19	.20	.20	FIN-22	-	0	0
2S-60L	.07	.05	.05	FIN-23	-	.01	.01
5S-60U	.08	.08	.08	FIN-24	-	0	.01
5S-60L	.04	.03	.01	FIN-25	-	.20	.20
0S-60U	.19	.19	.19	FIN-26	-	.11	.07
8S-60L	.04	.16	.01	FIN-27	-	.05	.05
10-32U	- 0	- 0	.01	FIN-28	-	.05	.05

TABLE 5. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
8-1.25L	.69	.72	.68	11-32U	-	.70	.73
8-2.5L	.74	.61	.74	12-32U	-	1.16	1.20
8-5L	.62	.62	.64	TIP-32C	-	1.16	1.23
8-8L	.49	.50	.53	11-32L	-	.14	.15
8-14L	.34	.35	.38	10-32L	-	.01	0
8-19L	.26	.27	.29	10-70U	-	.24	.39
8-32L	.12	.14	.15	11-70U	-	.85	.69
8-38L	.07	.08	.10	12-70U	-	.82	.58
8-44L	.04	.04	.05	TIP-70C	-	.01	.03
8-60L	-	.08	.08	12-70L	-	1.30	1.09
8-95L	.05	.03	.01	11-70L	-	.30	.26
9-OC	-	3.35	1.49	10-70L	-	.12	.11
9-1.25U	-	2.45	1.57	FIN-1	-	.16	.15
9-2.5U	-	2.01	1.47	FIN-2	-	.39	.38
9-5U	-	1.39	1.35	FIN-3	-	.03	.01
9-14U	-	.74	.93	FIN-4	-	.04	.05
9-19U	-	.61	.78	FIN-5	-	.12	.14
9-32U	-	.42	.45	FIN-6	-	.14	.15
9-44U	-	.28	.30	FIN-7	-	1.88	1.85
9-70U	-	.15	.15	FIN-8	-	.05	.08
9-80U	-	.07	.11	FIN-9	-	.07	.08
9-100C	-	.04	.04	FIN-10	-	.05	.07
9-1.25L	-	.70	.72	FIN-11	-	.04	.05
9-5L	-	.59	.58	FIN-12	-	.05	.07
9-8L	-	.45	.43	FIN-13	-	1.57	1.61
9-14L	-	.27	.27	FIN-14	-	.14	.12
9-19L	-	.19	.19	FIN-15	-	.01	.04
9-32L	-	.03	.04	FIN-16	-	.04	.05
9-38L	-	.03	.04	FIN-17	-	.07	.08
9-44L	-	.04	.05	FIN-18	-	.05	.07
9-70L	-	.07	.05	FIN-19	-	.03	.03
9-90L	-	.01	0	FIN-20	-	.04	.05
9-95L	-	.07	.04	FIN-21	-	.08	.08
2S-60U	-	.22	.22	FIN-22	-	.01	0
2S-60L	-	.05	.05	FIN-23	-	0	.01
5S-60U	-	.09	.09	FIN-24	-	.01	.03
5S-60L	-	.01	.01	FIN-25	-	.20	.19
8S-60U	-	.19	.19	FIN-26	-	.12	.12
8S-60L	-	.03	.01	FIN-27	-	.07	.05
10-32U	-	.01	.03	FIN-28	-	.05	.04

TABLE 5. - CONCLUDED
(c) - Concluded

ORIFICE	$\alpha = .16$	$\alpha = .18$	ORIFICE	$\alpha = .16$	$\alpha = .18$
8-1.25L	.66	.35	11-32U	-	.73
8-2.5L	.73	.44	12-32U	-	.89
8-5L	.63	.39	TIP-32C	-	1.09
8-8L	.51	.33	11-32L	-	.16
8-14L	.37	.24	10-32L	-	.01
8-19L	.29	.18	10-70U	-	.54
8-32L	.14	.08	11-70U	-	.43
8-38L	.09	.03	12-70U	-	.37
8-44L	.04	0	TIP-70C	-	.04
8-60L	-	.10	12-70L	-	.67
8-95L	-	.07	11-70L	-	.21
9-0C	-	1.34	10-70L	-	.11
9-1.25U	-	1.34	FIN-1	-	.13
9-2.5U	-	1.29	FIN-2	-	.31
9-5U	-	1.21	FIN-3	-	.04
9-14U	-	1.07	FIN-4	-	.04
9-19U	-	.96	FIN-5	-	.11
9-32U	-	.67	FIN-6	-	.14
9-44U	-	.50	FIN-7	-	1.53
9-70U	-	.30	FIN-8	-	.13
9-80U	-	.30	FIN-9	-	.09
9-100C	-	.26	FIN-10	-	.07
9-1.25L	.69	.42	FIN-11	-	.03
9-5L	.60	.41	FIN-12	-	.04
9-8L	.47	.32	FIN-13	-	1.44
9-14L	.30	.21	FIN-14	-	.07
9-19L	.07	.14	FIN-15	-	.06
9-32L	.06	.02	FIN-16	-	.06
9-38L	.04	0	FIN-17	-	.09
9-44L	.04	0	FIN-18	-	.06
9-70L	-	.09	FIN-19	-	.01
9-90L	-	.07	FIN-20	-	.03
9-95L	-	.07	FIN-21	-	.07
2S-60U	-	.24	FIN-22	-	.01
2S-60L	-	.06	FIN-23	-	0
5S-60U	-	.11	FIN-24	-	.04
5S-60L	-	.03	FIN-25	-	.20
8S-60U	-	.27	FIN-26	-	.14
8S-60L	-	.04	FIN-27	-	.07
10-32U	-	.07	FIN-28	-	.06

~~CONFIDENTIAL~~TABLE 6. - PRESSURE COEFFICIENTS OVER THE TAIL FOR THE MODEL IN SIDESLIP,
CLEAN CONDITION; $\delta_e = 0^\circ$. (a) $\alpha = 0^\circ$.

ORIFICE	$\beta = +1.2$	$\beta = .8$	$\beta = -.6$	ORIFICE	$\beta = -1.2$	$\beta = -.8$	$\beta = -.6$
1-OC	-	1.32	.07	.50	3-1.25U	-	1.14
1-1.25U	-	1.85	1.00	.61	3-8U	-	.47
1-2.5U	-	1.19	.74	.46	3-14U	-	.50
1-5U	-	.77	.41	.36	3-19U	-	.46
1-8U	-	.65	.41	.30	3-32U	-	.32
1-14J	-	.43	.27	.19	3-60U	-	.20
1-19U	-	.39	.28	.23	3-70U	-	.15
1-32U	-	.27	.22	.18	3-95U	.07	.07
1-70U	-	.34	.19	.19	3-1.25L	.82	.68
1-80U	-	.08	.09	.09	3-2.5L	.72	.50
1-90U	-	.03	.04	.04	3-5L	.53	.31
1-95U	.05	.04	.04	3-8L	.42	.23	.12
1-2.5L	.77	.54	.38	3-14L	.27	.11	.03
1-5L	.59	.38	.23	3-32L	.09	-	.05
1-14L	.34	.18	.08	3-38L	.04	.05	.09
1-19L	.26	.11	.03	3-60L	.04	.09	.12
1-32L	.19	.08	.01	3-80L	.01	.01	.03
1-38L	.12	.01	.03	3-95L	.07	.07	.07
1-60L	.01	.05	.08	4-0C	-	1.69	.16
1-70L	.04	.03	.07	4-1.25U	-	1.89	1.12
1-80L	.04	.01	.04	4-2.5J	-	1.49	.99
2-1.25U	-	.88	.27	.08	4-14U	-	.59
2-2.5U	-	1.47	.89	.62	4-19U	-	.46
2-5U	-	1.08	.69	.65	4-32U	-	.36
2-32U	-	.36	.28	.24	4-38U	-	.31
2-50U	-	.41	.35	.31	4-60U	-	.27
2-44J	-	.22	.16	.15	4-70U	-	.12
2-70U	-	.14	.14	.12	4-90U	.01	.01
2-80U	-	.05	.07	.07	4-95U	.08	.07
2-95U	.08	.08	.07	4-100C	.14	.15	.15
2-100C	.08	.09	.09	4-2.5L	.72	.50	.38
2-1.25L	.84	.69	.54	4-5L	.53	.32	.20
2-2.5L	.72	.50	.36	4-8L	.42	.23	.15
2-5L	.54	.32	.19	4-14L	.27	.08	-
2-14L	.28	.12	.03	4-19L	.16	.03	.04
2-32L	.11	-	.05	4-32L	.09	-	.04
2-38L	.05	.03	.08	4-38L	.01	.07	.11
2-44L	.04	.05	.09	4-44L	.01	.07	.09
2-70L	.09	.05	.03	4-60L	-	.07	.08
2-95L	.07	.05	.05	4-80L	.03	-	.01

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 4$	$\beta = 2$	$\beta = 1$	ORIFICE	$\beta = 4$	$\beta = 2$	$\beta = 0$
1-OC	.74	.70	.54	3-1.25U	-	.38	.07
1-1.25U	.22	.12	.24	3-8U	-	.32	.20
1-2.5U	.18	.07	.16	3-14U	-	.30	.22
1-5U	.18	.01	.08	3-19U	-	.30	.23
1-8U	.16	.03	.03	3-32U	-	.23	.19
1-14J	.12	.03	0	3-60U	-	.16	.14
1-19U	.16	.08	.05	3-70U	-	.12	.09
1-32U	.14	.09	.08	3-95U	.05	.04	.04
1-70U	.18	.18	.18	3-1.25L	.36	.15	.03
1-80U	-	.08	.08	3-2.5L	-	.19	.0
1-90U	.05	.05	.05	3-5L	-	.03	.12
1-95U	.04	.03	.03	3-8L	-	0	.11
1-2.5L	.18	.07	.18	3-14L	-	.07	.15
1-5L	.05	.12	.20	3-32L	-	.11	.16
1-14L	.03	.11	.16	3-38L	-	.15	.19
1-19L	.05	.12	.16	3-60L	-	.14	.16
1-32L	.03	.07	.11	3-80L	-	.04	.05
1-38L	.08	.12	.16	3-95L	-	.07	.05
1-60L	.12	.15	.16	4-0C	-	.62	.73
1-70L	.04	.12	.14	4-1.25U	-	.39	.09
1-80L	.05	.08	.08	4-2.5U	-	.39	.15
2-1.25U	.09	.23	.28	4-14U	-	.35	.27
2-2.5U	.34	.09	.01	4-19U	-	.30	.23
2-5U	.32	.15	.07	4-32U	-	.26	.20
2-32U	.19	.15	.12	4-38U	-	.23	.19
2-50U	.28	.24	.28	4-60U	-	.23	.22
2-44U	.13	.11	.09	4-70U	-	.08	.05
2-70U	.11	.09	.09	4-90U	-	0	0
2-80U	.05	.05	.05	4-95U	-	.07	.05
2-95U	.05	.05	.05	4-100C	-	.15	.15
2-100C	.09	.09	.09	4-2.5L	-	.20	.04
2-1.25L	.34	.09	.04	4-5L	-	.07	.05
2-2.5L	.18	.04	.15	4-8L	-	.04	.05
2-5L	.03	.14	.22	4-14L	-	.09	.18
2-14L	.05	.16	.20	4-19L	-	.11	.18
2-32L	.11	.16	.19	4-32L	-	.09	.14
2-38L	.12	.18	.20	4-38L	-	.15	.19
2-44L	.14	.18	.19	4-44L	-	.14	.16
2-70L	.03	.05	.08	4-60L	-	.11	.14
2-95L	.05	.09	.05	4-80L	-	1.34	.03

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
1-00	.37	.43	.41	3-1.25U	.17	.27	.36
1-1.25U	.35	.43	.46	3-8U	.08	.03	.01
1-2.5U	.25	.31	.34	3-14U	-	.13	.09
1-5U	.15	.18	.19	3-19U	-	.16	.12
1-8U	.08	.09	.11	3-32U	-	.16	.14
1-14J	.03	.04	.05	3-60U	-	.12	.12
1-19U	.09	.03	.03	3-70U	-	.08	.07
1-32U	.05	.07	.05	3-95U	-	.04	.04
1-70U	-	.16	.16	3-1.25L	-	.09	.23
1-80U	-	.08	.12	3-2.5L	-	.20	.30
1-90U	-	.05	.07	3-5L	-	.27	.35
1-95U	-	.03	.03	3-8L	-	.20	.26
1-2.5L	-	.28	.41	3-14L	-	.20	.24
1-5L	-	.27	.36	3-32L	-	.20	.22
1-14L	-	.20	.24	3-38L	-	.21	.23
1-19L	-	.20	.24	3-60L	-	.17	.19
1-32L	-	.12	.15	3-80L	-	.05	.07
1-38L	-	.17	.20	3-95L	-	.07	.05
1-60L	-	.16	.18	4-00	-	.68	.62
1-70L	-	.13	.15	4-1.25U	-	.13	.23
1-80L	-	.08	.09	4-2.5U	-	.04	.14
2-1.25U	-	.56	.35	4-14U	-	.16	.12
2-2.5U	-	.09	.18	4-19U	-	.16	.12
2-5U	-	.01	.05	4-32U	-	.16	.14
2-32U	-	.12	.11	4-38U	-	.19	.18
2-38U	-	.21	.20	4-60U	-	.20	.19
2-44U	-	.13	.12	4-70U	-	.04	.01
2-70U	-	.09	.08	4-90U	-	0	0
2-80U	-	.05	.05	4-95U	-	.05	.05
2-95U	-	.05	.05	4-100C	-	.15	.15
2-100C	-	.09	.09	4-2.5L	-	.16	.26
2-1.25L	-	.17	.32	4-5L	-	.20	.27
2-2.5L	-	.24	.36	4-8L	-	.16	.22
2-5L	-	.29	.38	4-14L	-	.25	.30
2-14L	-	.24	.27	4-19L	-	.24	.27
2-32L	-	.20	.23	4-32L	-	.17	.19
2-38L	-	.20	.23	4-38L	-	.23	.24
2-44L	-	.20	.22	4-44L	-	.20	.22
2-70L	-	.08	.09	4-60L	-	.15	.16
2-95L	-	.05	.05	4-80L	-	.04	.04

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
1-OC	.47	.18	.32	3-1.25U	.50	.58	.58
1-1.25U	.22	.31	.43	3-8U	.11	.30	.34
1-2.5U	.16	.23	.36	3-14U	.01	.08	.12
1-5U	.11	.18	.27	3-19U	-	.04	.03
1-8U	.07	.12	.19	3-32U	-	.07	.0
1-14J	.05	.08	.11	3-60U	-	.09	.07
1-19U	-	.01	.03	3-70U	-	.04	.03
1-32U	-	.05	.04	3-95U	.03	.01	.0
1-70U	.15	.15	.15	3-1.25L	.72	.91	.1.22
1-80U	-	.09	.09	3-2.5L	-	.62	.86
1-90U	-	.05	.07	3-5L	-	.58	.74
1-95U	.01	0	-	3-8L	-	.43	.55
1-2.5L	-	.38	.43	3-14L	-	.36	.46
1-5L	-	.39	.42	3-32L	-	.27	.31
1-14L	-	.32	.34	3-38L	-	.28	.31
1-19L	-	.32	.34	3-60L	-	.20	.22
1-32L	-	.24	.24	3-80L	-	.07	.07
1-38L	-	.26	.26	3-95L	.05	.05	.04
1-60L	-	.20	.20	4-OC	.11	.46	.1.23
1-70L	-	.16	.18	4-1.25U	.47	.57	.59
1-80L	-	.11	.09	4-2.5U	.34	.43	.51
2-1.25U	.03	.12	.24	4-14U	-	.01	.04
2-2.5U	.26	.45	.42	4-19U	-	1.32	.03
2-5U	.23	.30	.28	4-32U	-	.08	.04
2-32U	-	.04	.01	4-38U	-	.12	.09
2-50U	.14	.14	.12	4-60U	-	.15	.14
2-44U	-	.09	.08	4-70U	-	0	.01
2-70U	-	.07	.07	4-90U	.01	.01	.0
2-80U	-	.05	.05	4-95U	.05	.05	.04
2-95U	.03	.01	0	4-100C	.14	.12	.09
2-100C	.07	.03	0	4-2.5L	.57	.80	.1.04
2-1.25L	-	.86	1.05	4-5L	.50	.65	.81
2-2.5L	-	.73	.86	4-8L	-	.38	.50
2-5L	-	.62	.69	4-14L	-	.42	.50
2-14L	-	.39	.43	4-19L	-	.36	.43
2-32L	-	.28	.30	4-32L	-	.26	.28
2-38L	-	.28	.30	4-38L	-	.30	.31
2-44L	-	.26	.27	4-44L	-	.26	.28
2-70L	-	.12	.14	4-60L	-	.19	.19
2-95L	.04	.03	0	4-80L	-	.05	.05

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 TABLE 6. - CONTINUED
 (a) - Continued

ORIFICE	$\beta = 1.2$		ORIFICE	$\beta = 1.2$	
1-OC	- 1.04		3-1.25U	.50	
1-1.25U	.54		3-8U	.30	
1-2.5U	.46		3-14U	.18	
1-5U	.35		3-19U	.11	
1-8U	.24		3-32U	.04	
1-14J	.15		3-60U	.04	
1-19U	.05		3-70U	.04	
1-32U	- .03		3-95U	- .03	
1-70U	- 1.6		3-1.25L	- 1.58	
1-80U	- .11		3-2.5L	- 1.28	
1-90U	- .08		3-5L	- 1.01	
1-95U	- .01		3-8L	- .74	
1-2.5L	- .86		3-14L	- .59	
1-5L	.66		3-32L	- .38	
1-14L	.43		3-38L	- .35	
1-19L	.41		3-60L	- .19	
1-32L	- .32		3-80L	- .09	
1-38L	- .31		3-95L	- .01	
1-60L	- .24		4-OC	- 2.88	
1-70L	- .20		4-1.25U	- .53	
1-80L	- .15		4-2.5U	- .55	
2-1.25U	.31		4-14U	- .15	
2-2.5U	.45		4-19U	- .15	
2-5U	.32		4-32U	- .05	
2-32U	.03		4-38U	- 0	
2-38U	- .09		4-60U	- .08	
2-44U	- .05		4-70U	- .04	
2-70U	- .03		4-90U	- 0	
2-80U	- .05		4-95U	- .03	
2-95U	- .03		4-100C	- .07	
2-100C	- .03		4-2.5L	- 1.45	
2-1.25L	- 1.41		4-5L	- 1.08	
2-2.5L	- 1.14		4-8L	- .82	
2-5L	.89		4-14L	- .68	
2-14L	.54		4-19L	- .57	
2-32L	.36		4-32L	- .36	
2-38L	.35		4-38L	- .36	
2-44L	.31		4-44L	- .31	
2-70L	- .16		4-60L	- .20	
2-95L	- .01		4-80L	- .05	

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$	ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$
4-90L	.05	.04	.05	6-8L	.42	.26	.17
4-95L	.08	.07	.08	6-14L	.26	.11	.05
5-OC	- 1.53	- .16	.31	6-19L	.19	.07	.03
5-1.25U	- 1.89	- 1.28	- .84	6-38L	.01	.05	.08
5-8U	- .89	- .59	- .45	6-44L	-	.07	.09
5-14U	- .72	- .51	- .39	6-60L	-	.09	.11
5-19U	- .66	- .50	- .40	6-70L	.03	.01	.01
5-38U	- .43	- .34	- .28	7-OC	- 2.00	.51	.03
5-44U	- .36	- .28	- .24	7-5U	- 1.18	.80	.63
5-60U	- .27	- .24	- .20	7-8U	-	.61	.45
5-70U	- .19	- .16	- .13	7-14U	-	.49	.37
5-80U	- .09	- .09	- .08	7-19U	-	.45	.35
5-90U	.01	0	.01	7-38U	-	.36	.31
5-95U	.07	.05	.05	7-60U	-	.22	.19
5-1.25L	.82	.68	.56	7-90U	.01	0	.01
5-2.5L	.72	.53	.40	7-95U	.08	.07	.08
5-5L	.53	.32	.21	7-1.25L	.82	.69	.59
5-8L	.41	.24	.16	7-2.5L	.72	.51	.39
5-14L	.27	.12	.05	7-5L	.51	.32	.23
5-19L	.18	.05	0	7-8L	.38	.22	.13
5-38L	.01	.07	.08	7-14L	.23	.09	.04
5-44L	.01	.05	.08	7-19L	.15	.04	.01
5-60L	.07	.12	.13	7-32L	.05	.03	.05
5-70L	.04	.01	.01	7-44L	.01	.07	.08
5-90L	.05	.05	.05	7-60L	.05	.08	.08
5-95L	.08	.08	.08	7-70L	.03	.05	.05
6-OC	1.42	.12	.31	7-90L	.04	.04	.05
6-5U	1.22	.81	.64	7-95L	.09	.08	.09
6-14U	.72	.51	.41	8-OC	- 1.74	.39	.08
6-19U	.05	.04	.03	8-1.25U	- 1.82	1.14	.80
6-32U	.36	.26	.21	8-2.5U	- 1.51	1.00	.76
6-44U	.30	.23	.19	8-5U	- 1.07	.72	.57
6-60U	.27	.23	.20	8-8U	-	.59	.44
6-70U	.20	.19	.16	8-14U	-	.46	.36
6-80U	.09	.08	.07	8-19U	.55	.48	.32
6-90U	.03	.03	.01	8-60U	-	.09	.08
6-100C	.12	.15	.16	8-80U	-	.05	.04
6-1.25L	.82	.69	.59	8-90U	.01	.01	.03
6-2.5L	.69	.49	.36	8-95U	.05	.07	.07
6-5L	.53	.34	.23	8-100C	.14	.15	.16

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$	ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$
4-90L	.04	.04	.03	6-8L	.08	.07	.08
4-95L	.08	.08	.08	6-14L	-.01	-.09	.13
5-0C	.57	.69	.71	6-19L	-.04	-.11	.13
5-1.25U	-.49	-.17	-.04	6-38L	-.11	-.15	.16
5-8U	-.35	-.21	-.15	6-44L	-.12	-.13	.17
5-14U	-.31	-.23	-.19	6-60L	-.12	-.13	.15
5-19U	-.32	-.25	-.21	6-70L	-.03	-.04	.04
5-38U	.24	.19	.17	7-0C	.41	.63	.68
5-44U	-.19	-.15	.13	7-5U	-.45	-.29	.21
5-60U	-.19	-.16	.15	7-8U	-.35	-.24	.19
5-70U	-.12	-.09	.08	7-14U	-.29	-.21	.19
5-80U	-.07	-.07	.05	7-19U	-.28	-.21	.19
5-90U	.01	.01	.01	7-38U	-.27	-.23	.20
5-95U	.05	.05	.04	7-60U	-.16	-.15	.13
5-1.25L	.40	.20	.08	7-90U	-.01	.01	.01
5-2.5L	.25	.08	.01	7-95U	-.08	.08	.08
5-5L	-.09	-.04	.12	7-1.25L	.44	.25	.16
5-8L	-.05	-.04	.11	7-2.5L	.25	.08	0
5-14L	-.01	-.08	.12	7-5L	.11	.01	.08
5-19L	-.07	-.13	.17	7-8L	.04	.07	.11
5-38L	-.12	-.16	.17	7-14L	.04	.12	.15
5-44L	-.11	-.13	.16	7-19L	-.08	.13	.16
5-60L	-.15	-.16	.17	7-32L	-.09	.13	.15
5-70L	-.01	-.03	.03	7-44L	-.11	.13	.15
5-90L	.05	.05	.04	7-60L	-.09	.11	.12
5-95L	.09	.09	.08	7-70L	-.05	.07	.07
6-0C	.57	.69	.69	7-90L	.05	.05	.05
6-5U	.45	.28	.20	7-95L	.09	.09	.09
6-14U	-.32	-.23	.19	8-0C	.43	.63	.68
6-19U	-.04	-.03	.03	8-1.25U	-.48	-.23	.11
6-32U	-.17	-.13	.11	8-2.5U	-.53	-.32	.21
6-44U	-.16	-.13	.11	8-5U	-.41	-.27	.20
6-60U	-.17	-.15	.13	8-8U	-.35	-.25	.19
6-70U	-.15	-.13	.13	8-14U	-.29	-.23	.19
6-80U	-.05	-.05	.05	8-19U	-.35	-.21	.19
6-90U	.01	.01	.01	8-60U	-.08	-.07	.05
6-100C	.16	.16	.15	8-80U	-.03	-.03	.03
6-1.25L	.43	.25	.15	8-90U	-.03	-.03	.03
6-2.5L	.21	.05	.04	8-95U	-.08	-.09	.09
6-5L	.11	-.03	.09	8-100C	.16	.16	.16

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~~CONFIDENTIAL~~TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
4-90L	.03	.03	.01	6-8L	-	.12	.24
4-95L	.08	.08	.05	6-14L	-	.17	.26
5-0C	.69	.63	.53	6-19L	-	.16	.23
5-1.25U	.07	.17	.26	6-38L	-	.17	.04
5-8U	.11	.05	.01	6-44L	-	.17	.19
5-14U	.15	.11	.08	6-60L	-	.15	.16
5-19U	-	.19	.16	6-70L	-	.05	.08
5-38U	-	.15	.13	7-0C	-	.71	.65
5-44U	-	.12	.11	7-5U	-	.15	.03
5-60U	-	.13	.12	7-8U	-	.13	.04
5-70U	-	.07	.07	7-14U	-	.15	.09
5-80U	-	.05	.05	7-19U	-	.16	.11
5-90U	-	.01	.01	7-38U	-	.17	.16
5-95U	-	.04	.04	7-60U	-	.12	.12
5-1.25L	-	.03	.15	7-90U	0	.07	.01
5-2.5L	-	.08	.17	7-95U	-	.05	.05
5-5L	-	.17	.24	7-1.25L	-	.08	.20
5-8L	-	.13	.20	7-2.5L	-	.15	.28
5-14L	-	.15	.19	7-5L	-	.16	.21
5-19L	-	.20	.21	7-8L	-	.16	.20
5-38L	-	.19	.21	7-14L	-	.16	.23
5-44L	-	.16	.17	7-19L	-	.17	.24
5-60L	-	.17	.19	7-32L	-	.16	.22
5-70L	-	.04	.05	7-44L	-	.15	.19
5-90L	-	.04	.04	7-60L	-	.12	.15
5-95L	-	.09	.08	7-70L	-	.08	.09
6-0C	.67	.61	.53	7-90L	-	.05	.04
6-5U	-	.13	.07	7-95L	-	.09	.08
6-14U	-	.15	.12	8-0C	-	.69	.65
6-19U	-	.03	.03	8-1.25U	0	.09	.18
6-32U	-	.28	.24	8-2.5U	-	.13	.01
6-44U	-	.23	.19	8-5U	-	.13	.03
6-60U	-	.13	.12	8-8U	-	.15	.07
6-70U	-	.12	.12	8-14U	-	.16	.12
6-80U	-	.04	.04	8-19U	-	.16	.12
6-90U	-	.01	.01	8-60U	-	.11	.07
6-100C	-	.15	.15	8-80U	-	.03	.04
6-1.25L	-	.05	.07	8-90U	-	.03	.01
6-2.5L	-	.12	.21	8-95U	-	.09	.12
6-5L	-	.15	.23	8-100C	-	.16	.15

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
4-90L	.03	.03	.01	6-8L	-	.32	.43
4-95L	.07	.07	.05	6-14L	-	.31	.37
5-0C	.25	.20	-	6-19L	-	.28	.33
5-1.25U	.41	.52	.57	6-38L	-	.24	.25
5-8U	.09	.17	.24	6-44L	-	.23	.24
5-14U	.01	.08	.14	6-60L	-	.17	.19
5-19U	-	.05	.05	6-70L	-	.03	.09
5-38U	-	.08	-	7-0C	-	.48	.20
5-44U	-	.05	-	7-5U	-	.09	.19
5-60U	-	.09	-	7-8U	-	.05	.13
5-70U	-	.03	0	7-14U	-	.01	.05
5-80U	-	.04	-	7-19U	-	.04	.01
5-90U	.01	.01	-	7-38U	-	.11	.08
5-95U	.04	.03	-	7-60U	-	.08	.07
5-1.25L	-	.56	.79	7-90U	-	0	0
5-2.5L	-	.48	.65	7-95U	-	.07	.60
5-5L	-	.47	.61	7-1.25L	-	.44	.60
5-8L	-	.35	.45	7-2.5L	-	.45	.60
5-14L	-	.31	.39	7-5L	-	.40	.52
5-19L	-	.32	.37	7-8L	-	.33	.43
5-38L	-	.25	.28	7-14L	-	.28	.35
5-44L	-	.21	.24	7-19L	-	.28	.32
5-60L	-	.20	.20	7-32L	-	.23	.25
5-70L	-	.07	.08	7-44L	-	.19	.20
5-90L	.04	.04	-	7-60L	-	.15	.15
5-95L	.08	.08	-	7-70L	-	.08	.09
6-0C	.27	.12	-	7-90L	-	.05	.05
6-5U	.12	.21	.30	7-95L	-	.09	.09
6-14U	-	.01	.05	8-0C	-	.49	.24
6-19U	-	.03	.01	8-1.25U	-	.33	.44
6-32U	-	.16	.13	8-2.5U	-	.16	.27
6-44U	-	.13	.12	8-5U	-	.08	.17
6-60U	-	.08	.07	8-8U	-	.03	.11
6-70U	-	.09	.07	8-14U	-	.03	.03
6-80U	-	.03	.01	8-19U	-	.07	.04
6-90U	.01	.01	-	8-60U	-	.03	.01
6-100C	.15	.13	.11	8-80U	-	.01	.01
6-1.25L	-	.47	.61	8-90U	-	.03	.03
6-2.5L	-	.51	.75	8-95U	-	.11	.11
6-5L	-	.44	.56	8-100C	-	.16	.15

~~CONFIDENTIAL~~TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 1.2$			ORIFICE	$\beta = 1.2$		
4-90L	- 0			6-8L	- .78		
4-95L	.03			6-14L	- .61		
5-OC	- 2.59			6-19L	- .51		
5-1.25U	.54			6-38L	- .32		
5-8U	.35			6-44L	- .30		
5-14U	.24			6-60L	- .19		
5-19U	.16			6-70L	- .09		
5-38U	.04			7-0C	- 1.77		
5-44U	.04			7-5U	.41		
5-60U	- .03			7-8U	.32		
5-70U	.07			7-14U	.20		
5-80U	- .01			7-19U	.15		
5-90U	- 0			7-38U	.01		
5-95U	- 0			7-60U	- .03		
5-1.25L	- 1.89			7-90U	- .01		
5-2.5L	- 1.38			7-95U	.04		
5-5L	- 1.11			7-1.25L	- 1.66		
5-8L	- .82			7-2.5L	- 1.31		
5-14L	- .64			7-5L	- 1.00		
5-19L	- .55			7-8L	- .78		
5-38L	- .34			7-14L	- .57		
5-44L	- .30			7-19L	- .50		
5-60L	- .20			7-32L	- .34		
5-70L	- .09			7-44L	- .26		
5-90L	.03			7-60L	- .16		
5-95L	.05			7-70L	- .09		
6-0C	- 2.26			7-90L	.04		
6-5U	.43			7-95L	.07		
6-14U	.20			8-0C	- 1.53		
6-19U	- .03			8-1.25U	.55		
6-32U	.05			8-2.5U	.49		
6-44U	.05			8-5U	.38		
6-60U	.03			8-8U	.28		
6-70U	.04			8-14U	.18		
6-80U	.01			8-19U	.07		
6-90U	.03			8-60U	.01		
6-100C	.08			8-80U	- .03		
6-1.25L	- 1.81			8-90U	.01		
6-2.5L	- 1.47			8-95U	- .11		
6-5L	- 1.05			8-100C	.11		

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$	ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$
8-1.25L	.80	.65	.54	11-32U	-	.47	.30
8-2.5L	.69	.51	.39	12-32U	-	.62	.32
8-5L	.50	.32	.22	TIP-32C	-	.50	.27
8-8L	.35	.20	.12	11-32L	-	0	.03
8-14L	.22	.11	.04	10-32L	-	0	.04
8-19L	.14	.04	-	10-70U	-	.12	.11
8-32L	.04	.03	.05	11-70U	-	.54	.27
8-38L	-	.01	-	12-70U	-	.88	.46
8-44L	-	0	-	.09	TIP-70C	-	.01
8-60L	-	.09	-	.08	12-70L	-	.30
8-95L	-	.08	.09	.09	11-70L	-	.08
9-0C	-	.89	.05	.38	10-70L	-	.07
9-1.25U	-	1.45	-	.93	FIN-1	-	.30
9-2.5U	-	1.31	-	.85	FIN-2	-	.76
9-5U	-	.96	-	.66	FIN-3	-	.34
9-14U	-	.57	-	.42	FIN-4	-	.03
9-19U	-	.49	-	.39	FIN-5	-	.18
9-32U	-	.36	-	.30	FIN-6	-	.18
9-44U	-	.26	-	.20	FIN-7	-	3.31
9-70U	-	.14	-	.07	FIN-8	-	.12
9-80U	-	.05	-	.01	FIN-9	-	.07
9-100C	-	.12	-	.15	FIN-10	-	.04
9-1.25L	-	.77	-	.61	FIN-11	-	.11
9-5L	-	.47	-	.30	FIN-12	-	.09
9-8L	-	.31	-	.16	FIN-13	-	.91
9-14L	-	.18	-	.07	FIN-14	-	.20
9-19L	-	.11	-	.01	FIN-15	-	.04
9-32L	-	.01	-	.07	FIN-16	-	.05
9-38L	-	0	-	.05	FIN-17	-	.05
9-44L	-	.01	-	.03	FIN-18	-	.11
9-7CL	-	.05	-	.05	FIN-19	-	.07
9-90L	-	.04	-	.04	FIN-20	-	.07
9-95L	-	.09	-	.11	FIN-21	-	.07
2S-60U	-	.19	-	.19	FIN-22	-	.03
2S-60L	-	.05	-	.08	FIN-23	-	.04
5S-60U	-	.11	-	.08	FIN-24	-	.01
5S-60L	-	.03	-	.07	FIN-25	-	.19
8S-60U	-	.19	-	.18	FIN-26	-	.09
8S-60L	-	.03	-	.05	FIN-27	-	.04
10-32U	-	.01	-	.01	FIN-28	-	.04

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$	ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$
8-1.25L	.39	.23	.12	11-32U	-	.16	.12
8-2.5L	.26	.11	.03	12-32U	-	.14	.08
8-5L	.11	-	.01	TIP-32C	-	.11	.08
8-8L	.03	-	.05	11-32L	-	.05	.07
8-14L	-	.03	-	10-32L	-	.08	.11
8-19L	-	.05	-	10-70U	-	.07	.05
8-32L	-	.09	-	11-70U	-	.08	.05
8-38L	-	.11	-	12-70U	-	.15	.07
8-44L	-	.11	-	TIP-70C	-	.01	.03
8-60L	-	.08	-	12-70L	-	.12	.05
8-95L	.09	-	.09	11-70L	-	.05	.04
9-0C	.58	-	.69	10-70L	-	.05	.05
9-1.25U	-	.43	-	FIN-1	-	.05	.03
9-2.5U	-	.47	-	FIN-2	-	.09	.04
9-5U	-	.41	-	FIN-3	-	.04	.03
9-14U	-	.31	-	FIN-4	-	.01	.03
9-19U	-	.27	-	FIN-5	-	.05	.03
9-32U	-	.23	-	FIN-6	-	.05	.01
9-44U	-	.15	-	FIN-7	-	.68	.34
9-70U	-	.03	-	FIN-8	-	0	.03
9-80U	-	0	-	FIN-9	-	0	.05
9-100C	-	.15	-	FIN-10	-	.01	.03
9-1.25L	-	.35	-	FIN-11	-	.01	.04
9-5L	-	.11	-	FIN-12	-	0	.03
9-8L	-	0	-	FIN-13	-	.47	.16
9-14L	-	.05	-	FIN-14	-	.16	.16
9-19L	-	.07	-	FIN-15	-	.03	.05
9-32L	-	.14	-	FIN-16	-	.01	.03
9-38L	-	.09	-	FIN-17	-	.01	0
9-44L	-	.05	-	FIN-18	-	.01	.01
9-70L	-	.05	-	FIN-19	-	.03	.04
9-90L	-	.05	-	FIN-20	-	0	.03
9-95L	-	.11	-	FIN-21	-	.11	.11
2S-60U	-	.16	-	FIN-22	-	.04	.05
2S-60L	-	.09	-	FIN-23	-	.03	.04
5S-60U	-	.07	-	FIN-24	-	.03	.01
5S-60L	-	.09	-	FIN-25	-	.19	.19
8S-60U	-	.15	-	FIN-26	-	.12	.12
8S-60L	-	.08	-	FIN-27	-	.07	.07
10-32U	-	.01	-	FIN-28	-	.07	.07

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
8-1.25L	.03	-.07	.18	11-32U	-	.09	-.11
8-2.5L	.05	-.13	.22	12-32U	-	.07	-.07
8-5L	-	.13	-.19	TIP-32C	-	.07	-.07
8-8L	-	.15	-.19	11-32L	-	.09	-.08
8-14L	-	.15	-.17	10-32L	-	.11	-.12
8-19L	-	.16	-.17	10-70U	-	.07	-.05
8-32L	-	.15	-.16	11-70U	-	.04	-.04
8-38L	-	.15	-.16	12-70U	-	.03	-.03
8-44L	-	.15	-.16	TIP-70C	-	.01	-.01
8-60L	-	.08	-.08	12-70L	-	.03	-.03
8-95L	.09	-.09	.09	11-70L	-	.03	-.01
9-0C	.68	-.65	.61	10-70L	-	.04	-.03
9-1.25U	.01	-.09	.19	FIN-1	-	.01	-.01
9-2.5U	-	.11	-.04	FIN-2	-	.01	-.03
9-5U	-	.15	-.09	FIN-3	-	.01	-.03
9-14U	-	.19	-.16	FIN-4	-	.07	-.09
9-19U	-	.19	-.03	FIN-5	-	.01	-.03
9-32U	-	.17	-.16	FIN-6	-	.01	-.03
9-44U	-	.12	-.11	FIN-7	-	.16	-.17
9-70U	-	.01	-.01	FIN-8	-	.07	-.09
9-80U	-	0	0	FIN-9	-	.08	-.11
9-100C	-	.15	0	FIN-10	-	.05	-.08
9-1.25L	-	0	-.08	FIN-11	-	.07	-.07
9-5L	-	.11	-.16	FIN-12	-	.04	-.05
9-8L	-	.15	-.19	FIN-13	-	.05	-.08
9-14L	-	.16	-.17	FIN-14	-	0	-.16
9-19L	-	.15	-.16	FIN-15	-	.07	-.07
9-32L	-	.17	-.17	FIN-16	-	.04	-.05
9-38L	-	.13	-.13	FIN-17	-	.01	-.01
9-44L	-	.08	-.09	FIN-18	-	.03	-.04
9-70L	-	.04	-.04	FIN-19	-	.05	-.05
9-90L	.07	-.07	.07	FIN-20	-	.04	-.04
9-95L	.12	-.12	.12	FIN-21	-	.12	-.12
2S-60U	-	.15	-.15	FIN-22	-	.07	-.07
2S-60L	-	.12	-.12	FIN-23	-	.05	-.05
5S-60U	-	.07	-.07	FIN-24	-	.01	-.01
5S-60L	-	.11	-.12	FIN-25	-	.19	-.16
8S-60U	-	.12	-.12	FIN-26	-	.12	-.12
8S-60L	-	.11	-.11	FIN-27	-	.08	-.08
10-32U	-	.01	-.01	FIN-28	-	.07	-.07

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TABLE 6. - CONTINUED
(a) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
8-1.25L	-	.42	-	.62	-	.88	11-32U
8-2.5L	-	.41	-	.53	-	.73	12-32U
8-5L	-	.35	-	.47	-	.62	TIP-32C
8-8L	-	.32	-	.42	-	.54	11-32L
8-14L	-	.27	-	.32	-	.41	10-32L
8-19L	-	.24	-	.28	-	.35	10-70U
8-32L	-	.20	-	.22	-	.26	11-70U
8-38L	-	.19	-	.20	-	.23	12-70U
8-44L	-	.18	-	.19	-	.22	TIP-70C
8-60L	-	.08	-	.08	-	.11	12-70L
8-95L	.09			.09		.08	11-70L
9-0C	.43			.16		.28	10-70L
9-1.25U	.32			.42		.08	FIN-1
9-2.5U	.16			.26		.34	FIN-2
9-5U	.05			.14		.20	FIN-3
9-14U	.07			.03	0		FIN-4
9-19U	.09			.07		.03	FIN-5
9-32U	-	.14	-	.11	-	.09	FIN-6
9-44U	-	.08	-	.08	-	.08	FIN-7
9-70U	-	.04	-	.05	-	.07	FIN-8
9-80U	1.22		0			.01	FIN-9
9-100C	-	.14		.12		.09	FIN-10
9-1.25L	-	.39		.61		.88	FIN-11
9-5L	-	.32		.36		.50	FIN-12
9-8L	-	.31		.38		.49	FIN-13
9-14L	-	.26		.30		.36	FIN-14
9-19L	-	.22		.26		.30	FIN-15
9-32L	-	.20		.22		.24	FIN-16
9-48L	-	.15		.16		.18	FIN-17
9-14L	-	.11		.07		.14	FIN-18
9-70L	-	.03		.03		.04	FIN-19
9-90L	-	.07		.07		.05	FIN-20
9-95L	-	.12		.12		.09	FIN-21
2S-60U	-	.15		.14		.15	FIN-22
2S-60L	-	.12		.14	0		FIN-23
5S-60U	-	.07		.07		.09	FIN-24
5S-60L	-	.12		.12		.14	FIN-25
8S-60U	-	.09		.08		.08	FIN-26
8S-60L	-	.11		.12		.14	FIN-27
10-32U	-	.01		.01		.03	FIN-28

TABLE 6. - CONTINUED
(a) -- Concluded

ORIFICE	$\beta = 1.2$	ORIFICE	$\beta = .12$
8-1.25L	- 1.54	11-32U	- .28
8-2.5L	- 1.16	12-32U	- .58
8-5L	- .91	TIP-32C	- .47
8-8L	- .73	11-32L	- .16
8-14L	- .53	10-32L	- .19
8-19L	- .43	10-70U	- .15
8-32L	- .30	11-70U	- .31
8-38L	- .26	12-70U	- .45
8-44L	- .23	TIP-70C	- .03
8-60L	- .12	12-70L	- .26
8-95L	.07	11-70L	- .18
9-0C	- 1.46	10-70L	- .08
9-1.25U	.53	FIN-1	.24
9-2.5U	.45	FIN-2	.72
9-5U	.31	FIN-3	.54
9-14U	.08	FIN-4	.43
9-19U	.01	FIN-5	.32
9-32U	.07	FIN-6	.19
9-44U	.07	FIN-7	.32
9-70U	.08	FIN-8	.95
9-80U	.04	FIN-9	.35
9-100C	.07	FIN-10	.35
9-1.25L	- 1.42	FIN-11	.23
9-5L	- .76	FIN-12	.16
9-8L	- .65	FIN-13	.19
9-14L	- .46	FIN-14	.54
9-19L	- .36	FIN-15	.28
9-32L	- .27	FIN-16	.20
9-38L	- .19	FIN-17	.22
9-44L	- .15	FIN-18	.20
9-70L	- .04	FIN-19	.16
9-90L	.04	FIN-20	.15
9-95L	.09	FIN-21	.28
2S-60U	- .15	FIN-22	.16
2S-60L	- .16	FIN-23	.12
5S-60U	- .12	FIN-24	.03
5S-60L	- .14	FIN-25	.32
8S-60U	- .07	FIN-26	.19
8S-60L	- .12	FIN-27	.14
10-32U	- .03	FIN-28	.14

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TABLE 6. - CONTINUED
(b) α , 6° .

ORIFICE	$\beta = .12$	$\beta = .8$	$\beta = .6$	ORIFICE	$\beta = .12$	$\beta = .8$	$\beta = .6$
1-OC	- 2.15	- .54	- 0	3-1.25U	- 3.04	- 1.92	- 1.49
1-1.25U	2.27	1.25	.79	3-8U	1.21	.88	.73
1-2.5U	- 1.48	- .83	- .53	3-14U	- .91	- .68	- .59
1-5U	- .97	- .57	- .37	3-19U	- .77	- .59	- .52
1-8U	- .81	- .51	- .36	3-32U	- .53	- .43	- .37
1-14J	- .56	- .37	- .27	3-60U	- .27	- .24	- .21
1-19U	- .51	- .37	- .29	3-70U	- .17	- .17	- .16
1-32U	- .37	- .30	- .25	3-95U	.05	.05	.05
1-70U	- .31	- .20	- 1.9	3-1.25L	7.7	7.6	7.2
1-80U	- .13	- .12	- .11	3-2.5L	.80	.67	.57
1-90U	- .08	- .05	- .07	3-5L	.68	.50	.40
1-95U	.01	- 0	-	3-8L	.57	.39	.31
1-2.5L	.83	.61	.47	3-14L	.41	.26	.19
1-5L	.68	.53	.33	3-32L	.19	.09	.05
1-14L	.43	.28	.19	3-38L	.13	.04	0
1-19L	.35	.21	.15	3-60L	.03	.03	.07
1-32L	.28	.17	.11	3-80L	.04	.05	0
1-38L	.19	.09	.04	3-95L	.05	.05	.05
1-60L	.07	- 0	-	4-OC	- 4.40	2.00	1.11
1-70L	.08	.01	.03	1-1.25U	3.08	1.99	1.51
1-80L	.05	.01	.03	4-2.5U	2.27	1.53	1.21
2-1.25U	- 1.35	- .92	- .64	4-14U	- 1.01	- .79	.69
2-2.5U	- 2.05	1.33	- .99	4-19U	- .80	- .63	.55
2-5U	- 1.45	- .99	- .39	4-32U	- .57	- .46	.41
2-32U	- .47	- .36	- .32	4-38U	- .47	- .39	.35
2-38U	- .49	- .42	- .37	4-60U	- .32	- .29	.28
2-44U	- .35	- .31	- 1.9	4-70U	- .17	- .16	.15
2-70U	- .16	- .16	- .15	4-90U	.01	.01	.01
2-80U	- .07	- .07	- .07	4-95U	.07	.07	.07
2-95U	.04	.05	.05	4-100C	.09	.11	.11
2-100C	- 0	.04	.04	4-2.5L	.81	.68	.60
2-1.25L	.77	.75	.69	4-5L	.69	.55	.44
2-2.5L	.80	.64	.55	4-8L	.57	.42	.35
2-5L	.67	.47	.37	4-14L	.39	.24	.17
2-14L	.41	.26	.19	4-19L	.31	.18	.12
2-32L	.19	.08	.04	4-32L	.20	.11	.07
2-38L	.13	.04	- 0	4-38L	.12	.03	.01
2-44L	.11	.03	.01	4-44L	.09	.03	.01
2-70L	.10	.08	.05	4-60L	.04	.01	.04
2-95L	.04	.04	.03	4-80L	.07	.03	.01

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$	ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$
1-OC	.31	.41	.39	3-1.25U	-	1.08	.75
1-1.25U	-	.31	.09	3-8U	-	.59	.47
1-2.5U	-	.21	.04	3-14U	-	.49	.40
1-5U	-	.16	.03	3-19U	-	.44	.37
1-8U	-	.19	.08	3-32U	-	.33	.28
1-14J	-	.16	.11	3-60U	-	.19	.17
1-19U	-	.20	.17	3-70U	-	.15	.13
1-32U	-	.20	.19	3-95U	-	.05	.04
1-70U	-	.17	.19	3-1.25L	.63	.51	.45
1-80U	-	.11	.13	3-2.5L	-	.47	.35
1-90U	-	.07	.08	3-5L	-	.29	.17
1-95U	-	.03	.03	3-8L	-	.23	.12
1-2.5L	-	.25	0	3-14L	-	.11	.04
1-5L	-	.17	.01	3-32L	-	0	.04
1-14L	-	.09	0	3-38L	-	.04	.08
1-19L	-	.07	.01	3-60L	-	.08	.11
1-32L	-	.05	0	3-80L	-	.03	.03
1-38L	-	0	.04	3-95L	-	.05	.05
1-60L	-	.05	.08	4-0C	-	.39	.12
1-70L	-	.05	.07	4-1.25U	-	1.20	.89
1-80L	-	.04	.04	4-2.5U	-	.95	.73
2-1.25U	-	.47	.37	4-14U	-	.60	.53
2-2.5U	-	.73	.51	4-19U	-	.47	.39
2-5U	-	.57	.43	4-32U	-	.36	.31
2-32U	-	.27	.21	4-38U	-	.32	.29
2-38U	-	.33	.29	4-60U	-	.25	.24
2-44U	-	.17	.16	4-70U	-	.13	.12
2-70U	-	.12	.08	4-90U	-	0	0
2-80U	-	.07	.05	4-95U	-	.07	.07
2-95U	-	.04	.04	4-100C	-	.12	.12
2-100C	-	.04	.03	4-2.5L	-	.49	.37
2-1.25L	-	.57	.44	4-5L	-	.33	.23
2-2.5L	-	.41	.28	4-8L	-	.27	.17
2-5L	-	.24	.13	4-14L	-	.09	.01
2-14L	-	.09	.01	4-19L	-	.05	.01
2-32L	-	.01	.05	4-32L	-	.01	.03
2-38L	-	.04	.08	4-38L	-	.05	.49
2-44L	-	.05	.08	4-44L	-	.05	.48
2-70L	-	.01	.03	4-60L	-	.05	.48
2-95L	-	.03	.01	4-80L	-	0	.01

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$B = 0$	$B = 1$	$B = 2$	ORIFICE	$B = 0$	$B = 1$	$B = 2$
1-OC	.39	.49	.69	3-1.25U	-	.41	.31
1-1.25U	.83	.24	.20	3-8U	-	.35	.31
1-2.5U	.15	.15	.11	3-14U	-	.32	.29
1-5U	.05	.04	.01	3-19U	-	.32	.29
1-8U	-	.03	.05	3-32U	-	.25	.24
1-14J	-	.07	.08	3-60U	-	.17	.16
1-19U	-	.13	.15	3-70U	-	.13	.12
1-32U	-	.16	.16	3-95U	-	.04	.04
1-70U	.17	.17	.19	3-1.25L	-	.37	.29
1-80U	-	.11	.12	3-2.5L	-	.20	.15
1-90U	.07	.07	.04	3-5L	-	.05	0
1-95U	-	0	0	3-8L	-	.03	.01
1-2.5L	-	.16	.16	3-14L	-	.04	.07
1-5L	-	.15	.16	3-32L	-	.08	.11
1-14L	-	.08	.09	3-38L	-	.11	.13
1-19L	-	.08	.09	3-60L	-	.12	.13
1-32L	-	.04	.04	3-80L	-	.04	.04
1-38L	-	.08	.09	3-95L	-	.05	.05
1-60L	-	.09	.11	4-0C	-	.47	.55
1-70L	-	.08	.09	4-1.25U	-	.49	.36
1-80L	-	.05	.05	4-2.5U	-	.47	.36
2-1.25U	-	.57	.51	4-14U	-	.45	.40
2-2.5U	-	.31	.23	4-19U	-	.32	.29
2-5U	-	.31	.25	4-32U	-	.27	.25
2-32U	-	.20	.20	4-38U	-	.28	.25
2-38U	-	1.04	.28	4-60U	-	.24	.23
2-44U	-	.17	.16	4-70U	-	.09	.08
2-70U	-	.12	.13	4-90U	-	0	0
2-80U	-	.07	.07	4-95U	-	.05	.05
2-95U	-	.05	.05	4-100C	-	.12	.13
2-100C	-	.05	.07	4-2.5L	-	.24	.19
2-1.25L	-	.29	.23	4-5L	-	.12	.07
2-2.5L	-	.13	.08	4-8L	-	.08	.04
2-5L	-	.01	.03	4-14L	-	.05	.09
2-14L	-	.05	.08	4-19L	-	.07	.09
2-32L	-	.04	.11	4-32L	-	.07	.08
2-38L	-	.11	.12	4-38L	-	.12	.13
2-44L	-	.11	.12	4-44L	-	.11	.12
2-70L	-	.03	.03	4-60L	-	.09	.11
2-95L	-	.03	.04	4-80L	-	.01	.01

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
1-OC	.80	.75	.69	3-1.25U	-	.11	.33
1-1.25U	-	.03	.25	3-8U	-	.11	0
1-2.5U	-	.07	.23	3-14U	-	.16	.08
1-5U	-	.12	.24	3-19U	-	.17	.12
1-8U	-	.15	.23	3-32U	-	.17	.12
1-14U	-	.16	.19	3-60U	-	.13	.12
1-19U	-	.20	.23	3-70U	-	.08	.07
1-32U	-	.20	.20	3-95U	-	.03	.04
4-70U	-	.19	.17	3-1.25I	-	.05	.35
4-60U	-	.15	.13	3-2.5L	-	.15	.37
4-32U	-	.09	.08	3-5L	-	.20	.36
4-14U	-	0	0	3-8L	-	.15	.27
1-95U	-	.04	.09	3-14L	-	.16	.24
1-1.5L	-	.13	.03	3-32L	-	.16	.20
1-5L	-	.15	.09	3-38L	-	.19	.21
1-14L	-	.16	.13	3-60L	-	.16	.17
1-19L	-	.09	.09	3-80L	-	.05	.05
1-32L	-	.13	.15	3-95L	-	.05	.07
1-38L	-	.15	.15	4-0C	-	.64	.47
1-60L	-	.13	.15	4-1.25U	-	.05	.27
1-70L	-	.08	.09	4-2.5U	-	.01	.16
1-80L	-	.28	.19	4-14U	-	.25	.11
2-1.25U	-	.03	.07	4-19U	-	.17	.11
2-2.5U	-	.07	.15	4-32U	-	.17	.13
2-5U	-	.15	.19	4-38U	-	.21	.17
2-32U	-	.25	.28	4-60U	-	.20	.19
2-38U	-	.15	.15	4-70U	-	.04	.03
2-44U	-	.15	.19	4-90U	-	0	0
2-70U	-	.08	.09	4-95U	-	.05	.05
2-80U	-	.04	.01	4-100C	-	.13	.13
2-95U	-	.08	.08	4-2.5L	-	.09	.31
2-100C	-	.09	.03	4-5L	-	.15	.29
2-1.25L	-	.17	.16	4-8L	-	.12	.23
2-2.5L	-	.24	.23	4-14L	-	.21	.16
2-5L	-	.17	.20	4-19L	-	.20	.27
2-14L	-	.16	.19	4-32L	-	.13	.17
2-32L	-	.17	.20	4-38L	-	.19	.23
2-38L	-	.16	.19	4-44L	-	.16	.19
2-44L	-	.07	.09	4-60L	-	.13	.15
2-70L	-	.05	.04	4-80L	-	.03	.04

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = 1.2$	ORIFICE	$\beta = 1.2$
1-OC	- .15	3-1.25U	- .16
1-1.25U	.44	3-8U	.17
1-2.5U	.04	3-14U	.13
1-5U	.01	3-19U	.12
1-8U	.05	3-32U	.13
1-14J	.11	3-60U	.11
1-19U	.15	3-70U	.09
3-32U	.20	3-95U	.01
3-70U	.21	3-1.25L	.01
4-80U	- .19	3-2.5L	.11
4-90U	- .17	3-5L	.45
1-95U	- .09	3-8L	.25
1-2.5L	- .03	3-14L	.25
1-5L	- .08	3-32L	.27
1-14L	- .13	3-38L	.28
1-19L	- .13	3-60L	.27
1-32L	- .16	3-80L	.21
1-38L	- .12	3-95L	.08
1-60L	- .17	4-OC	.03
1-70L	- .19	4-1.25U	1.24
1-80L	.03	4-2.5U	.03
2-1.25U	- .11	4-14U	.41
2-2.5U	- .33	4-19U	.03
2-5U	- .35	4-32U	.04
2-32U	- .32	4-38U	.03
2-38U	- .17	4-60U	.09
2-44U	- .27	4-70U	.13
2-70U	- .16	4-90U	0
2-80U	1.23	4-95U	.04
2-95U	- .07	4-100C	.03
2-100C	.03	4-2.5L	.09
2-1.25L	.05	4-5L	.87
2-2.5L	.24	4-8L	.25
2-5L	.11	4-14L	.49
2-14L	- .03	4-19L	.43
2-32L	- .09	4-32L	.36
2-38L	- .16	4-38L	.25
2-44L	- .19	4-44L	.27
2-70L	- .19	4-60L	.23
2-95L	- .09	4-80L	.19

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TABLE 6.- CONTINUED
(b)- Continued

ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$	ORIFICE	$\beta = -1.2$	$\beta = -8$	$\beta = -6$
4-90L	.07	.05	.04	6-8L	.60	.45	.37
4-95L	.07	.07	.07	6-14L	.43	.28	.23
5-0C	-	4.35	-	6-19L	.35	.23	.17
5-1.25U	-	3.29	-	6-38L	.13	.05	.01
5-8U	-	1.28	-	6-44L	.08	.01	.01
5-14U	-	.96	-	6-60L	.01	.04	.07
5-19U	-	.85	-	6-70L	.09	.05	.03
5-38U	-	.51	-	7-0C	-	2.64	1.89
5-44U	-	.43	-	7-5U	-	1.31	1.09
5-60U	-	.29	-	7-8U	-	.99	.83
5-70U	-	.20	-	7-14U	-	.72	.63
5-80U	-	.09	-	7-19U	-	.63	.56
5-90U	.01	1.24	-	7-38U	-	.44	.40
5-95U	.07	.05	.05	7-60U	-	.24	.23
5-1.25L	.76	.77	.73	7-90U	.03	.01	.01
5-2.5L	.83	.72	.64	7-95U	.08	.07	.07
5-5L	.71	.53	.45	7-1.25L	.75	.77	.75
5-8L	.59	.44	.35	7-2.5L	.81	.72	.64
5-14L	.43	.29	.24	7-5L	.71	.56	.47
5-19L	.33	.20	.15	7-8L	.59	.44	.36
5-38L	.13	.04	.01	7-14L	.41	.28	.23
5-44L	.11	.03	0	7-19L	.32	.20	.15
5-60L	0	.05	-	7-32L	.17	.08	.04
5-70L	.09	.04	.03	7-44L	.08	.03	0
5-90L	.07	.05	.05	7-60L	.01	.03	.04
5-95L	.08	.07	.07	7-70L	.03	.01	.03
6-0C	-	4.29	2.12	1.27	7-90L	.05	.04
6-5U	-	1.79	1.32	-	7-95L	.08	.08
6-14U	-	.96	.76	-	8-0C	4.79	2.64
6-19U	-	.03	.03	-	8-1.25U	3.08	2.17
6-32U	-	.44	.37	-	8-2.5U	2.36	1.73
6-44U	-	.35	.31	-	8-5U	1.60	1.20
6-60U	-	.28	.27	-	8-8U	1.23	.95
6-70U	-	.20	.20	-	8-14U	.87	.68
6-80U	-	.07	.20	-	8-19U	.76	.60
6-90U	-	0	.08	0	8-60U	-	.05
6-100C	.11	0	-	-	8-80U	-	.05
6-1.25L	.75	.11	-	-	8-90U	.03	.01
6-2.5L	.81	.79	.61	-	8-95U	-	.04
6-5L	.71	.71	.48	-	8-100C	.11	.12

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TABLE 6.- CONTINUED
(b)- Continued

ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$	ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$
4-90L	.04	.04	.04	6-8L	.31	.23	.18
4-95L	.07	.07	.07	6-14L	.17	.09	.07
5-0C	-.48	.04	.22	6-19L	.12	.05	.03
5-1.25U	1.48	1.00	-	6-38L	.01	.05	.07
5-8U	-.63	.47	.41	6-44L	.04	.07	.08
5-14U	-.52	.43	.37	6-60L	.07	.08	.09
5-19U	-.49	.43	.38	6-70L	.03	0	0
5-38U	.33	.29	.28	7-0C	1.01	.39	.14
5-44U	.28	.25	.22	7-5U	.87	.68	.59
5-60U	.21	.20	.18	7-8U	.67	.53	.46
5-70U	.15	.13	.13	7-14U	.51	.43	.37
5-80U	.08	.08	.07	7-19U	.45	.39	.34
5-90U	.01	.01	.01	7-38U	.35	.31	.28
5-95U	.05	.05	.05	7-60U	.20	.19	.17
5-1.25L	.68	.57	.51	7-90U	.01	.01	.01
5-2.5L	.55	.44	.38	7-95U	.08	.08	.08
5-5L	.36	.25	.20	7-1.25L	.69	.61	.55
5-8L	.28	.19	.16	7-2.5L	.55	.45	.38
5-14L	.19	.11	.08	7-5L	.39	.28	.24
5-19L	.09	.03	0	7-8L	.28	.19	.14
5-38L	.01	.05	.07	7-14L	.17	.09	.05
5-44L	.03	.05	.07	7-19L	.09	.04	.01
5-60L	.08	.11	.11	7-32L	.01	.03	.04
5-70L	.03	.01	0	7-44L	.03	.05	.07
5-90L	.05	.05	.05	7-60L	.05	.07	.08
5-95L	.08	.08	.08	7-70L	.03	.04	.04
6-0C	.53	.01	.17	7-90L	.05	.05	.05
6-5U	.88	.68	.59	7-95L	.08	.08	.08
6-14U	.53	.45	.39	8-0C	.95	.37	.12
6-19U	.01	.01	.01	8-1.25U	1.32	1.01	.86
6-32U	.28	.24	.21	8-2.5U	.73	.89	.79
6-44U	.23	.20	.18	8-5U	.80	.63	.53
6-60U	.21	.19	.18	8-8U	.65	.52	.46
6-70U	.16	.16	.14	8-14U	.48	.40	.36
6-80U	.07	.07	.05	8-19U	.43	.36	.32
6-90U	.01	.01	.01	8-60U	.05	.05	.05
6-100C	.13	.13	.13	8-80U	.03	.03	.03
6-1.25L	.69	.12	.55	8-90U	.03	.01	.03
6-2.5L	.52	.41	.34	8-95U	.05	.07	.07
6-5L	.39	.28	.22	8-100C	.15	.15	.14

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TABLE 6.- CONTINUED
(b)- Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
4-90L	.04	.04	.04	6-8L	.15	.09	.05
4-95L	.07	.07	.07	6-14L	.03	0	.04
5-0C	.40	.50	.58	6-19L	-	.03	.05
5-1.25U	-	.63	-	6-38L	-	.09	.11
5-8U	-	.35	-	6-44L	-	.11	.12
5-14U	-	.32	.28	6-60L	-	.11	.12
5-19U	-	.35	.30	6-70L	.01	.04	.03
5-38U	-	.25	.24	7-0C	.09	.28	.41
5-44U	-	.21	.18	7-5U	-	.53	.36
5-60U	-	.19	.17	7-8U	-	.40	.33
5-70U	-	.12	.12	7-14U	-	.33	.29
5-80U	-	.07	.07	7-19U	-	.32	.28
5-90U	.01	.01	.01	7-38U	-	.27	.25
5-95U	.04	.04	.04	7-60U	-	.16	.14
5-1.25L	.44	.36	.28	7-90U	-	.01	.01
5-2.5L	.31	.24	.16	7-95U	-	.07	.07
5-5L	.13	.08	.03	7-1.25L	-	.49	.36
5-8L	.11	.07	.01	7-2.5L	-	.72	.20
5-14L	.03	0	-	7-5L	-	.19	.07
5-19L	-	.03	.05	7-8L	-	.11	.05
5-38L	-	.08	.11	7-14L	-	.03	0
5-44L	-	.08	.09	7-19L	-	.01	.04
5-60L	-	.12	.12	7-32L	-	.05	.08
5-70L	-	.01	.01	7-44L	-	.08	.09
5-90L	.04	.04	.04	7-60L	-	.08	.09
5-95L	.08	.08	.08	7-70L	-	.05	.07
6-0C	.35	.46	.54	7-90E	-	.05	.04
6-5U	.51	.42	.36	7-95L	-	.08	.08
6-14U	.36	.32	.28	8-0C	-	.08	.38
6-19U	-	.01	.01	8-1.25U	-	.71	.42
6-32U	-	.31	.28	8-2.5U	-	.68	.57
6-44U	-	.25	.22	8-5U	-	.48	.46
6-60U	-	.17	.16	8-8U	-	.40	.30
6-70U	-	.15	.14	8-14U	-	.32	.28
6-80U	-	.05	.05	8-19U	-	.29	.22
6-90U	.01	.01	.01	8-60U	-	.08	.07
6-100C	.13	.13	.13	8-80U	-	.03	.03
6-1.25L	.48	.41	.34	8-90U	-	.03	.03
6-2.5L	.28	.21	.13	8-95U	-	.07	.08
6-5L	.17	.11	.05	8-100C	-	.15	.14

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TABLE 6.- CONTINUED
(b)- Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
4-90L	.01	.03	.01	6-8L	-	.07	.16
4-95L	.05	.07	.05	6-14L	-	.14	.18
5-0C	.62	.51	.19	6-19L	-	.14	.17
5-1.25U	-	.05	.18	6-38L	-	.16	.17
5-8U	-	.16	.03	6-44L	-	.16	.17
5-14U	-	.19	.08	6-60L	-	.15	.14
5-19U	-	.23	.13	6-70L	-	.05	.04
5-38U	-	.19	.12	7-0C	-	.58	.59
5-44U	-	.15	.09	7-5U	-	.23	.08
5-60U	-	.16	.12	7-8U	-	.20	.08
5-70U	-	.09	.05	7-14U	-	.20	.11
5-80U	-	.07	.05	7-19U	-	.20	.12
5-90U	-	0	.01	7-38U	-	.20	.14
5-95U	-	.03	.03	7-60U	-	.14	.11
5-1.25L	-	.05	.20	7-90U	-	.01	0
5-2.5L	-	.03	.21	7-95U	-	.05	.07
5-5L	-	.14	.25	7-1.25L	-	.15	.05
5-8L	-	.09	.18	7-2.5L	-	.01	.14
5-14L	-	.12	.18	7-5L	-	.08	.20
5-19L	-	.16	.21	7-8L	-	.11	.17
5-38L	-	.16	.18	7-14L	-	.14	.16
5-44L	-	.15	.16	7-19L	-	.15	.18
5-60L	-	.16	.16	7-32L	-	.15	.16
5-70L	-	.05	.04	7-44L	-	.15	.14
5-90L	-	.03	.04	7-60L	-	.12	.12
5-95L	-	.07	.08	7-70L	-	.09	.07
6-0C	.59	.51	.24	7-90L	-	.03	.04
6-5U	.22	.05	.07	7-95L	-	.07	.09
6-14U	.22	.11	.05	8-0C	-	.57	.59
6-19U	.03	.01	.03	8-1.25U	-	.16	.05
6-32U	.26	.21	.19	8-2.5U	-	.27	.08
6-44U	.22	.18	.16	8-5U	-	.23	.09
6-60U	.15	.11	.09	8-8U	-	.22	.11
6-70U	.14	.11	.09	8-14U	-	.20	.12
6-80U	.05	.04	.04	8-19U	-	.20	.13
6-90U	.01	.01	0	8-60U	-	.08	.07
6-100C	.12	.13	.11	8-80U	-	.04	.01
6-1.25L	.12	.09	.41	8-90U	-	.01	.03
6-2.5L	.04	.21	.49	8-95U	-	.09	.11
6-5L	-	.09	.21	8-100C	-	.15	.14

TABLE 6.- CONTINUED
(b)- Continued

ORIFICE	$\beta = 1.2$	ORIFICE	$\beta = 1.2$
4-90L	- .07	6-8L	- .51
4-95L	- .04	6-14L	- .43
5-0C	- 1.16	6-19L	- .36
5-1.25U	.51	6-38L	- .26
5-8U	.23	6-44L	- .23
5-14U	.14	6-60L	- .16
5-19U	.05	6-70L	- .05
5-38U	- .04	7-0C	- .41
5-44U	- .01	7-5U	- .24
5-60U	- .08	7-8U	- .18
5-70U	- .01	7-14U	- .08
5-80U	- .05	7-19U	- .05
5-90U	- .01	7-38U	- .05
5-95U	- .01	7-60U	- .07
5-1.25L	- 1.18	7-90U	- .01
5-2.5L	- .92	7-95U	- .04
5-5L	- .78	7-1.25L	- .86
5-8L	- .58	7-2.5L	- .78
5-14L	- .45	7-5L	- .65
5-19L	- .41	7-8L	- .51
5-38L	- .26	7-14L	- .39
5-44L	- .22	7-19L	- .35
5-60L	- .15	7-32L	- .26
5-70L	- .07	7-44L	- .20
5-90L	- .01	7-60L	- .14
5-95L	- .04	7-70L	- .09
6-0C	- .86	7-90L	- .04
6-5U	.28	7-95L	.07
6-14U	.08	8-0C	- .24
6-19U	- .03	8-1.25U	.45
6-32U	.15	8-2.5U	.31
6-44U	.14	8-5U	.22
6-60U	.07	8-8U	.14
6-70U	.07	8-14U	.05
6-80U	.04	8-19U	.03
6-90U	-	8-60U	- .08
6-100C	.08	8-80U	- .03
6-1.25L	.96	8-90U	- 0
6-2.5L	.96	8-95U	- .09
6-5L	- .70	8-100C	.11

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = 1.2$	$\beta = .8$	$\beta = .6$	ORIFICE	$\beta = 1.2$	$\beta = .8$	$\beta = .6$
8-1.25L	.75	.76	.72	11-32U	-	.73	.41
8-2.5L	.81	.71	.64	12-32U	-	.79	.57
8-5L	.68	.55	.47	TIP-32C	-	.75	.56
8-8L	.55	.40	.33	11-32L	-	.07	.07
8-14L	.39	.27	.20	10-32L	-	.04	.03
8-19L	.28	.19	.13	10-70U	-	.25	.12
8-32L	.15	.08	.04	11-70U	-	1.00	.45
8-38L	.11	.04	.01	12-70U	-	1.04	.52
8-44L	.07	0	-	TIP-70C	-	.01	0
8-60L	-	.09	.08	12-70L	-	1.24	.69
8-95L	.07	.08	.08	11-70L	-	.24	.17
9-0C	-	3.40	1.71	1.04	10-70L	.08	.08
9-1.25U	-	2.53	1.75	-	.07	.33	.11
9-2.5U	-	2.09	1.53	-	1.27	.83	.23
9-5U	-	1.45	1.09	-	.92	.29	.01
9-14U	-	.76	.61	-	.53	0	.03
9-19U	-	.64	.52	-	4.7	.19	.09
9-32U	-	.44	.37	-	.33	.20	.11
9-44U	-	.31	.25	-	.21	4.20	1.24
9-70U	-	.17	.11	-	.07	.09	.04
9-80U	-	.08	.04	-	.03	.09	.03
9-100C	-	.08	.09	-	.11	.08	.03
9-1.25L	-	.77	.75	-	.69	.11	.01
9-5L	-	.65	.52	-	.44	.12	.05
9-8L	-	.49	.36	-	.28	1.95	.92
9-14L	-	.31	.20	-	.16	.21	.15
9-19L	-	.21	.13	-	.09	.04	0
9-32L	-	.07	0	-	.03	.07	.01
9-38L	-	.05	0	-	.01	.08	.04
9-44L	-	.07	.01	0	FIN-18	.12	.07
9-70L	-	.03	.05	-	.05	.08	0
9-90L	-	.04	.04	-	.04	.09	.03
9-95L	-	.08	.09	-	.11	.05	.08
2S-60U	-	.20	.20	-	.19	.04	.03
2S-60L	-	.03	.05	-	.07	.05	.01
5S-60U	-	.12	.08	-	.07	.01	.01
5S-60L	-	0	.03	-	.04	.19	.20
8S-60U	-	.20	.19	-	.17	.08	.12
8S-60L	-	0	.03	-	.04	.03	.07
10-32U	-	.01	0	0	FIN-28	.03	.05

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TABLE 6. -- CONTINUED
(b) -- Continued

ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$	ORIFICE	$\beta = -4$	$\beta = -2$	$\beta = -1$
8-1.25L	.65	.57	.52	11-32U	-	.31	.23
8-2.5L	.55	.44	.40	12-32U	-	.41	.28
8-5L	.36	.27	.23	TIP-32C	-	.41	.29
8-8L	.24	.16	.12	11-32L	-	.08	.08
8-14L	.13	.08	.05	10-32L	-	.05	.07
8-19L	.08	.04	.01	10-7OU	-	.09	.08
8-32L	0	.03	.04	11-7OU	-	.32	.21
8-38L	-	.03	.05	12-7OU	-	.36	.23
8-44L	-	.05	.07	.08	TIP-7OC	0	.01
8-60L	-	.07	.07	.07	12-7OL	-	.52
8-95L	-	.08	.08	.08	11-7OL	-	.15
9-0C	-	.44	.01	.16	10-7OL	-	.08
9-1.25U	-	1.07	.79	.67	FIN-1	-	.05
9-2.5U	-	1.00	.79	.71	FIN-2	-	.12
9-5U	-	.75	.60	.53	FIN-3	-	.05
9-14U	-	.47	.40	.36	FIN-4	-	.04
9-19U	-	.40	.35	.32	FIN-5	-	.03
9-32U	-	.29	.27	.25	FIN-6	-	.03
9-44U	-	.20	.17	.16	FIN-7	-	.32
9-7OU	-	.04	.01	.01	FIN-8	-	.01
9-8OU	-	.01	.01	0	FIN-9	-	.04
9-100C	-	.12	.12	.12	FIN-10	-	.03
9-1.25L	-	.63	.53	.48	FIN-11	-	.05
9-5L	-	.35	.27	.23	FIN-12	-	.01
9-8L	-	.21	.13	.11	FIN-13	-	.15
9-14L	-	.11	.05	.03	FIN-14	-	.13
9-19L	-	.04	0	.01	FIN-15	-	.03
9-32L	-	.05	.08	.09	FIN-16	-	.01
9-38L	-	.04	.07	.07	FIN-17	-	.01
9-44L	-	.01	.04	.04	FIN-18	-	.01
9-7OL	-	.05	.05	.05	FIN-19	-	.04
9-90L	-	.04	.04	.04	FIN-20	-	.01
9-95L	-	.11	.11	.12	FIN-21	-	.11
2S-60U	-	.17	.17	.17	FIN-22	-	.05
2S-60L	-	.07	.08	.08	FIN-23	-	.04
5S-60U	-	.07	.07	.05	FIN-24	-	.01
5S-60L	-	.07	.07	.08	FIN-25	-	.20
1S-60U	-	.16	.16	.15	FIN-26	-	.13
1S-60L	-	.05	.07	.07	FIN-27	-	.08
10-32U	-	-	-	FIN-28	-	.07	.07

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
8-1.25L	.46	.39	.33	11-32U	-	.16	.13
8-2.5L	.34	.27	.21	12-32U	-	.19	.15
8-5L	.18	.12	.08	TIP-32C	-	.20	.16
8-8L	.08	.04	0	11-32L	-	.08	.08
8-14L	.03	0	-	10-32L	-	.08	.09
8-19L	- 0	-	.03	10-70U	-	.05	.04
8-32L	-	.05	.07	11-70U	-	.11	.07
8-38L	-	.07	.08	12-70U	-	.12	.08
8-44L	-	.09	.09	12-70C	-	0	.01
8-60L	-	.07	.07	12-70L	-	.23	.16
8-95L	.08	.08	.08	11-70L	-	.09	.08
9-0C	.31	.43	.51	10-70L	-	.07	.07
9-1.25U	-	.62	.51	FIN-1	-	0	0
9-2.5U	-	.61	.51	FIN-2	-	.03	.03
9-5U	-	.47	.41	FIN-3	-	.01	.01
9-14U	-	.32	.29	FIN-4	-	.09	.12
9-19U	-	.30	.27	FIN-5	-	.01	.03
9-32U	-	.24	.21	FIN-6	-	.01	.03
9-44U	-	.15	.15	FIN-7	-	.12	.12
9-70U	-	0	0	FIN-8	-	.04	.07
9-80U	-	0	0	FIN-9	-	.08	.09
9-100C	.14	.13	.13	FIN-10	-	.05	.07
9-1.25L	.42	.35	.29	FIN-11	-	.07	.08
9-5L	.19	.15	.12	FIN-12	-	.04	.05
9-8L	.07	.03	0	FIN-13	-	.04	.05
9-14L	-	0	.03	FIN-14	-	.12	.13
9-19L	-	.03	.05	FIN-15	-	.05	.05
9-32L	-	.11	.12	FIN-16	-	.03	.04
9-38L	-	.08	.09	FIN-17	-	0	0
9-44L	-	.05	.05	FIN-18	-	.03	.03
9-70L	-	.05	.05	FIN-19	-	.05	.05
9-90L	.05	.05	.05	FIN-20	-	.03	.03
9-95L	.12	.12	.12	FIN-21	-	.12	.12
2S-60U	-	.18	.17	FIN-22	-	.05	.05
2S-60L	-	.09	.09	FIN-23	-	.04	.05
5S-60U	-	.05	.05	FIN-24	-	0	.01
5S-60L	-	.08	.08	FIN-25	-	.19	.19
8S-60U	-	.15	.15	FIN-26	-	.14	.12
8S-60L	-	.07	.07	FIN-27	-	.08	.08
10-32U	-	-	-	FIN-28	-	.07	.07

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TABLE 6. - CONTINUED
(b) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
8-1.25L	.15	-.04	.28	11-32U	-.09	-.11	.11
8-2.5L	.05	-.11	.28	12-32U	-.08	-.07	.08
8-5L	-	.05	.16	28 TIP-32C	-.08	-.07	.08
8-8L	-	.09	.17	11-32L	-.08	-.08	.08
8-14L	-	.08	.15	10-32L	-.11	-.11	.12
8-19L	-	.11	.15	10-70U	-.04	-.04	.05
8-32L	-	.11	.13	11-70U	-.01	-.03	.05
8-38L	-	.12	-.13	15 12-70U	0	-.01	0
8-44L	-	.12	-.13	15 TIP-70C	0	-.01	0
8-60L	-	.07	-.08	12-70L	-.03	-.01	0
8-95L	.08	.09	.08	11-70L	-.03	0	.01
9-0C	.61	.59	.44	10-70L	-.04	-.03	.01
9-1.25U	-	.14	.05	FIN-1	-.03	-.07	.12
9-2.5U	-	.23	-.05	FIN-2	-.12	.24	.39
9-5U	-	.23	-.11	0 FIN-3	-.16	.32	.44
9-14U	-	.23	-.15	0 FIN-4	-.23	.31	.39
9-19U	-	.20	-.16	12 FIN-5	-.11	.17	.23
9-32U	-	.18	-.16	13 FIN-6	-.07	.12	.15
9-44U	-	.12	0	0 FIN-7	-.43	.81	1.29
9-70U	-	0	0	0 FIN-8	-.22	.35	.49
9-80U	-	0	.01	0 FIN-9	-.16	.23	.29
9-100C	.14	.13	.13	FIN-10	-.14	.17	.20
9-1.25L	.12	-.05	.27	FIN-11	-.12	.15	.15
9-5L	.01	-.08	.19	FIN-12	-.08	.09	.11
9-8L	-	.08	.16	FIN-13	-.30	.69	1.17
9-14L	-	.11	-.16	20 FIN-14	-.26	.35	.47
9-19L	-	.11	-.15	19 FIN-15	-.11	.13	.17
9-32L	-	.15	-.16	17 FIN-16	-.07	.09	.12
9-38L	-	.11	-.12	13 FIN-17	-.05	.07	.09
9-44L	-	.07	-.08	0 FIN-18	-.05	.08	.09
9-70L	-	.04	-.03	0 FIN-19	-.08	.09	.11
9-90L	.07	.07	.07	0 FIN-20	-.05	.07	.08
9-95L	.12	.13	.13	0 FIN-21	-.14	.15	.16
2S-60U	-	.18	-.17	16 FIN-22	-.08	.09	.09
2S-60L	-	.11	-.11	12 FIN-23	-.07	.07	.08
5S-60U	-	.07	-.08	0 FIN-24	0	.01	0
5S-60L	-	.09	-.11	11 FIN-25	-.18	.19	.20
8S-60U	-	.12	-.11	09 FIN-26	-.14	.13	.13
8S-60L	-	.08	-.09	09 FIN-27	-.08	.08	.09
10-32U	-	0	0	01 FIN-28	-.07	.08	.08

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TABLE 6. - CONTINUED
(b) - Concluded

ORIFICE	$\beta = 1.2$		ORIFICE	$\beta = 1.2$	
8-1.25L	- .77		11-32U	- .19	
8-2.5L	- .65		12-32U	- .25	
8-5L	- .55		TIP-32C	- .19	
8-8L	- .45		11-32L	- .09	
8-14L	- .33		10-32L	- .12	
8-19L	- .29		10-70U	- .08	
8-32L	- .20		11-70U	- .15	
8-38L	- .17		12-70U	- .07	
8-44L	- .16		TIP-70C	- .01	
8-60L	- .12		12-70L	- .09	
8-95L	.08		11-70L	- .03	
9-0C	- .25		10-70L	- .01	
9-1.25U	.41		FIN-1	.25	
9-2.5U	.29		FIN-2	.79	
9-5U	.17		FIN-3	.75	
9-14U	.01		FIN-4	.45	
9-19U	.04		FIN-5	.39	
9-32U	.09		FIN-6	.19	
9-44U	.08		FIN-7	2.73	
9-70U	.04		FIN-8	.83	
9-80U	0		FIN-9	.44	
9-100C	.11		FIN-10	.29	
9-1.25L	- .73		FIN-11	.20	
9-5L	- .43		FIN-12	.15	
9-8L	- .40		FIN-13	2.08	
9-14L	.31		FIN-14	1.72	
9-19L	- .25		FIN-15	.31	
9-32L	- .20		FIN-16	.17	
9-38L	- .13		FIN-17	.15	
9-44L	- .09		FIN-18	.17	
9-70L	0		FIN-19	.13	
9-90L	.07		FIN-20	.12	
9-95L	.12		FIN-21	.23	
2S-60U	- .16		FIN-22	.16	
2S-60L	- .13		FIN-23	.11	
5S-60U	- .12		FIN-24	.01	
5S-60L	- .12		FIN-25	.28	
8S-60U	.08		FIN-26	.19	
8S-60L	- .08		FIN-27	.11	
10-32U	.01		FIN-28	.11	

TABLE 6. - CONTINUED
(c) α , 12° .

ORIFICE	$\theta = 12$	$\theta = 8$	$\theta = 6$	ORIFICE	$\theta = 12$	$\theta = 8$	$\theta = 6$
1-OC	- 2.19	- .74	- .23	3-1.25U	- 3.91	- 2.72	- 2.16
1-1.25U	- 2.27	- 1.31	- .82	3-8U	- 1.45	- 1.09	- .93
1-2.5U	- 1.49	- .85	- .53	3-14U	- 1.05	- .82	- .70
1-5U	- 1.00	- .58	- .36	3-19U	-	.89	- .72
1-8U	- .84	- .50	- .35	3-32U	-	.61	- .50
1-14J	- .58	- .39	- .28	3-60U	-	.30	- .26
1-19U	- .55	- .41	- .31	3-70U	-	.18	- .16
1-32U	- .43	- .35	- .31	3-95U	-	.01	- .04
1-70U	.36	.32	.19	3-1.25L	.62	.72	.73
1-80U	- .16	- .15	- .15	3-2.5L	-	.78	.68
1-90U	- .09	- .11	- .09	3-5L	-	.74	.62
1-95U	- .03	- .03	- .04	3-8L	-	.65	.51
1-2.5L	.82	.68	.53	3-14L	-	.51	.41
1-5L	.68	.53	.42	3-32L	-	.27	.18
1-14L	.45	.47	.26	3-38L	-	.20	.11
1-19L	.38	.27	.22	3-60L	-	.07	.01
1-32L	.31	.22	.18	3-80L	-	.05	.03
1-38L	.23	.15	.09	3-95L	-	.04	.05
1-60L	.09	.04	.01	4-OC	-	4.16	4.49
1-70L	.09	.05	.01	4-1.25U	-	4.01	3.01
1-80L	.07	.03	.01	4-2.5U	-	2.99	2.20
2-1.25U	- 1.80	- 1.18	- .92	4-14U	-	1.19	.97
2-2.5U	- 2.39	- 1.59	- 1.22	4-19U	-	.97	.77
2-5U	- 1.65	- 1.15	- .91	4-32U	-	.68	.54
2-32U	- .53	- .42	- .35	4-38U	-	.57	.46
2-50U	.55	.47	.42	4-60U	-	.36	.31
2-14U	- .30	- .24	- .23	4-70U	-	.20	.16
2-70U	- .16	- .19	- .18	4-90U	-	.04	0
2-80U	- .08	- .09	- .09	4-95U	-	.01	.04
2-95U	- .03	- .04	- .03	4-100C	-	.01	.05
2-100C	- .03	- .01	- .01	4-2.5L	-	.78	.70
2-1.25L	.69	.76	.72	4-5L	-	.77	.66
2-2.5L	.80	.70	.62	4-8L	-	.68	.55
2-5L	.72	.57	.46	4-14L	-	.50	.38
2-14L	.47	.35	.27	4-19L	-	.42	.31
2-32L	.24	.15	.11	4-32L	-	.28	.20
2-38L	.19	.11	.07	4-38L	-	.19	.12
2-14J	.16	.08	.04	4-44L	-	.16	.09
2-70L	.16	.11	.08	4-60L	-	.08	.04
2-95L	.04	.04	.03	4-80L	-	.07	.05

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TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$	ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$
1-OC	.27	.45	.35	3-1.25U	-	1.66	1.39
1-1.25U	-	.23	.16	3-8U	-	.76	.66
1-2.5U	-	.18	.08	3-14U	-	.59	.53
1-5U	-	.18	.03	3-19U	-	.53	.46
1-8U	-	.18	.09	3-32U	-	.36	.32
1-14J	-	.22	.12	3-60U	-	.20	.18
1-19U	-	.26	.22	3-70U	-	.12	.07
1-32U	-	.28	.24	3-95U	-	.03	.03
1-70U	-	.20	.22	3-1.25L	-	.69	.64
1-80U	-	.15	.15	3-2.5L	-	.59	.53
1-90U	-	.09	.09	3-5L	-	.45	.36
1-95U	-	.04	.03	3-8L	-	.35	.30
1-2.5L	-	.28	.04	3-14L	-	.23	.19
1-5L	-	.23	0	3-32L	-	.08	.04
1-14L	-	.16	.07	3-38L	-	.04	0
1-19L	-	.14	.07	3-60L	-	.04	.05
1-32L	-	.11	.08	3-80L	-	0	.01
1-38L	-	.07	.04	3-95L	-	.04	.03
1-60L	-	.01	.03	4-0C	-	1.68	1.41
1-70L	-	0	.01	4-1.25U	-	1.93	1.59
1-80L	-	0	.01	4-2.5U	-	1.47	1.23
2-1.25U	-	.78	.07	4-14U	-	.76	.68
2-2.5U	-	.78	.59	4-19U	-	.58	.53
2-5U	-	.59	.49	4-32U	-	.43	.38
2-32U	-	.30	.31	4-38U	-	.36	.35
2-38U	-	.36	.36	4-60U	-	.27	.24
2-44U	-	.22	.22	4-70U	-	.12	.11
2-70U	-	.16	.20	4-90U	-	.01	.01
2-80U	-	.09	.12	4-95U	-	.05	.05
2-95U	-	0	.03	4-100C	-	.08	.08
2-100C	-	.04	.08	4-2.5L	-	.64	.58
2-1.25L	-	1.49	.31	4-5L	-	.50	.43
2-2.5L	-	.46	.30	4-8L	-	.41	.34
2-5L	-	.34	.23	4-14L	-	.23	.18
2-14L	-	.18	.14	4-19L	-	.18	.14
2-32L	-	.05	.04	4-32L	-	.11	.08
2-38L	-	.03	.01	4-38L	-	.04	.01
2-44L	-	.01	0	4-44L	-	.03	0
2-70L	-	.05	.03	4-60L	-	0	.03
2-95L	-	0	.01	4-80L	-	.03	.01

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TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$B = 0$	$B = 1$	$B = 2$	ORIFICE	$B = 0$	$B = 1$	$B = 2$
1-OC	.46	.58	.66	3-1.25U	-	1.16	-
1-1.25U	.24	.16	.01	3-8U	-	.59	.55
1-2.5U	.14	.08	-	3-14U	-	.49	.46
1-5U	.03	.01	-	3-19U	-	.45	.43
1-8U	-	.05	.09	3-32U	-	.32	.32
1-14J	-	.09	-	3-60U	-	.18	.19
1-19U	-	.19	-	3-70U	-	.09	.14
1-32U	-	.22	-	3-95U	-	.03	.03
1-70U	-	.18	-	3-1.25L	-	.59	.55
1-80U	-	.14	-	3-2.5L	-	.46	.42
1-90U	-	.08	-	3-5L	-	.30	.24
1-95U	-	.01	-	3-8L	-	.23	.19
1-2.5L	-	.16	-	3-14L	-	.14	.11
1-5L	-	.14	-	3-32L	-	.01	.01
1-14L	-	.03	-	3-38L	-	.03	.03
1-19L	-	.01	-	3-60L	-	.07	.07
1-32L	-	.04	-	3-80L	-	.01	.01
1-38L	-	.01	-	3-95L	-	.03	.04
1-60L	-	.04	-	4-0C	-	.61	.38
1-70L	-	.03	-	4-1.25U	-	1.22	1.11
1-80L	-	.01	-	4-2.5U	-	.95	.86
2-1.25U	-	.78	1.09	4-14U	-	.59	.58
2-2.5U	-	.51	.47	4-19U	-	.46	.45
2-5U	-	.43	.42	4-32U	-	.35	.35
2-32U	-	.28	.27	4-38U	-	.31	.35
2-38U	-	.32	.32	4-60U	-	.26	.26
2-44U	-	.22	.23	4-70U	-	.12	.12
2-70U	-	.16	.15	4-90U	-	0	0
2-80U	-	.09	.08	4-95U	-	.05	.05
2-95U	-	.01	.03	4-100C	-	.09	.09
2-100C	-	0	.01	4-2.5L	-	.50	.46
2-1.25L	-	.31	.31	4-5L	-	.34	.31
2-2.5L	-	.26	.23	4-8L	-	.26	.23
2-5L	-	.18	.15	4-14L	-	.11	.08
2-14L	-	.09	.08	4-19L	-	.08	.05
2-32L	-	.03	.01	4-32L	-	.04	.03
2-38L	-	0	.01	4-38L	-	.03	.04
2-44L	-	.01	.03	4-44L	-	.03	.04
2-70L	-	.03	.03	4-60L	-	.04	.04
2-95L	-	.01	.03	4-80L	-	.01	.01

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TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
1-OC	.62	.44	.57	3-1.25U	-	.59	.98
1-1.25U	.36	1.00	.54	3-8U	-	.42	.87
1-2.5U	-	.32	.91	3-14U	-	.38	.83
1-5U	-	.30	.85	3-19U	-	.36	.81
1-8U	-	.31	.85	3-32U	-	.28	.74
1-14J	-	.27	.78	3-60U	-	.20	.63
1-19U	-	.31	.83	3-70U	-	.16	.61
1-32U	-	.28	.80	3-95U	.04	.33	.01
1-70U	-	.20	.65	3-1.25L	4.5	1	.42
1-80U	-	.14	.57	3-2.5L	.28	-	.23
1-90U	-	.08	.50	3-5L	.14	.28	.07
1-95U	-	.01	.41	3-8L	.09	.31	.03
1-2.5L	-	.18	.07	3-14L	.03	.39	.03
1-5L	-	.08	.24	3-32L	.03	.44	.08
1-14L	-	.03	.33	3-38L	.07	.50	.11
1-19L	-	.01	.37	0	.08	.50	.11
1-32L	-	.04	.33	3-60L	.01	.39	.03
1-38L	-	.03	.43	3-95L	.07	.28	.07
1-60L	-	.05	.48	4-OC	.26	.35	.65
1-70L	-	.04	.46	4-1.25U	.62	.78	.03
1-80L	-	.03	.43	4-2.5U	.57	.80	.08
2-1.25U	-	.88	1.54	4-14U	.46	.87	.28
2-2.5U	-	.55	1.33	4-19U	.35	.74	.20
2-5U	-	.50	1.19	4-32U	.30	.70	.19
2-32U	-	.30	.81	4-38U	.31	.74	.23
2-38U	-	.36	.93	4-60U	.24	.69	.22
2-44U	-	.22	.69	4-70U	.08	.46	.04
2-70U	-	.20	.67	4-90U	0	.39	.01
2-80U	-	.09	.52	4-95U	.05	.30	.04
2-95U	-	.04	.31	4-100C	.12	.37	.15
2-100C	-	.07	.30	4-2.5L	.31	.15	0
2-1.25L	-	.42	.33	4-5L	.18	.28	.05
2-2.5L	-	.26	.07	4-8L	.12	.31	.05
2-5L	-	.12	.17	4-14L	0	.46	.15
2-14L	-	.03	.33	4-19L	.01	.48	.14
2-32L	-	.03	.43	4-32L	.01	.44	.09
2-38L	-	.04	.46	4-38L	.07	.52	.14
2-44L	-	.04	.46	4-44L	.07	.50	.12
2-70L	-	.04	.33	4-60L	.07	.48	.09
2-95L	-	.04	.33	4-80L	0	.37	0

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TABLE 6. -- CONTINUED
(c) - Continued

ORIFICE	$\beta = 1.2$			ORIFICE	$\beta = 1.2$		
1-OC	.69			3-1.25U	- 1.64		
1-1.25U	.26			3-8U	- .74		
1-2.5U	- .24			3-14U	- .55		
1-5U	- .24			3-19U	- .47		
1-8U	- .27			3-32U	- .31		
1-14J	- .26			3-60U	- .18		
1-19U	- .32			3-70U	- .07		
3-32U	- .32			3-95U	.01		
4-40U	- .22			3-1.25L	.69		
3-40U	- .18			3-2.5L	.55		
2-40G	- .11			3-5L	.35		
1-95U	- .04			3-8L	.24		
1-2.5L	.11			3-14L	.11		
1-5L	.01			3-32L	.05		
1-14L	- .04			3-38L	- .11		
1-19L	- .07			3-60L	- .14		
1-32L	- .03			3-83L	.05		
1-38L	- .09			3-95L	.03		
1-60L	- .14			4-OC	.34		
1-70L	- .14			4-1.25U	.54		
1-80L	- .08			4-2.5U	.50		
2-1.25U	- .92			4-14U	- .45		
2-2.5U	- .80			4-19U	- .36		
2-5U	- .65			4-32U	- .31		
2-32U	- .34			4-38U	- .27		
2-38U	- .41			4-60U	- .26		
2-44U	- .24			4-70U	- .14		
2-70U	- .18			4-90U	- .07		
2-80U	- .09			4-95U	- .01		
2-95U	.04			4-100C	.14		
2-100C	.05			4-2.5L	.11		
2-1.25L	.53			4-5L	- .01		
2-2.5L	.36			4-8L	- .04		
2-5L	.20			4-14L	- .16		
2-14L	.04			4-19L	- .16		
2-32L	- .07			4-32L	- .14		
2-38L	- .09			4-38L	- 1.66		
2-44L	- .11			4-44L	- .16		
2-40L	- .04			4-60L	- .41		
2-95L	.01			4-80L	- .04		

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TABLE 6.- CONTINUED
(c)- Continued

ORIFICE	$\beta = 1.2$	$\beta = 8$	$\beta = 6$	ORIFICE	$\beta = 1.2$	$\beta = 8$	$\beta = 6$
4-9OL	.04	.05	.05	6-8L	.64	.59	.53
4-95L	.03	.05	.05	6-14L	.48	.42	.36
5-0C	- 2.78	- 4.82	- 3.50	6-19L	.40	.34	.30
5-1.25U	- 2.11	- 3.39	- 2.76	6-38L	.15	.14	.11
5-8U	- 2.21	- 1.28	- 1.09	6-44L	.11	.08	.07
5-14U	1.77	.96	.84	6-60L	- 0	.01	- 0
5-19U	- 1.56	- .85	- .74	6-70L	- .5	.08	.08
5-38U	- .78	- .51	- .45	7-0C	- 2.36	- 1.85	- 4.55
5-44U	- .64	- .43	- .38	7-5U	- 1.32	- 1.74	- 1.55
5-60U	- .38	- .28	- .26	7-8U	- 1.36	- 1.64	- 1.15
5-70U	- .23	- .19	- .16	7-14U	- 1.29	- 1.22	.82
5-80U	- .18	- .09	- .08	7-19U	- 1.19	.97	.70
5-90U	- .10	- .01	- .01	7-38U	- .78	.49	.45
5-95U	- .07	.04	.05	7-60U	- .48	.26	.23
5-1.25L	.75	.26	.70	7-90U	- .23	.04	.03
5-2.5L	.86	.77	.73	7-95U	- .21	0	.07
5-5L	.78	.69	.62	7-1.25L	.78	.72	.68
5-8L	.67	.58	.51	7-2.5L	.84	.73	.73
5-14L	.51	.43	.36	7-5L	.73	.65	.62
5-19L	.40	.34	.27	7-8L	.60	.54	.51
5-38L	.18	.14	.11	7-14L	.45	.39	.36
5-44L	.14	.11	.08	7-19L	.36	.31	.27
5-60L	.01	.01	-	7-32L	.60	.16	.14
5-70L	.08	.08	.07	7-44L	.10	.08	.07
5-90L	.03	.05	.05	7-60L	- 0	.01	0
5-95L	.01	.05	.07	7-70L	- .5	.01	0
6-0C	- 1.55	- 4.34	- 3.64	7-90L	- .8	.03	.04
6-5U	- 1.40	- 1.96	- 1.57	7-95L	- .10	.04	.07
6-14U	- 1.40	- 1.07	- .85	8-0C	- 1.16	2.08	4.28
6-19U	- .03	.01	.01	8-1.25U	- .89	1.88	2.78
6-32U	- .64	.46	.41	8-2.5U	- .90	1.95	2.12
6-44U	- .49	.35	.31	8-5U	- .92	1.80	1.43
6-60U	- .48	.26	.24	8-8U	- .93	1.50	0
6-70U	- .37	.16	.18	8-14U	- .93	1.01	.78
6-80U	- .30	.07	.07	8-19U	- .97	.85	.68
6-90U	.01	.03	.03	8-60U	- .05	.05	.05
6-100C	-	.21	.05	8-80U	- .27	.08	.04
6-1.25L	.75	.68	.69	8-90U	- .22	.03	.03
6-2.5L	.79	.78	.72	8-95U	- .04	.03	.03
6-5L	.73	.70	.62	8-100C	- .21	.01	.09

~~CONFIDENTIAL~~TABLE 6.- CONTINUED
(c)- Continued

ORIFICE	$\beta = 4$	$\beta = 2$	$\beta = 1$	ORIFICE	$\beta = 4$	$\beta = 2$	$\beta = 1$
4-9OL	.04	.03	.03	6-8L	.46	.39	.34
4-95L	.05	.05	.05	6-14L	.30	.24	.20
5-0C	- 2.39	- 1.61	- 1.16	6-19L	.24	.19	.13
5-1.25U	.81	1.70	1.61	6-38L	.07	.03	.01
5-8U	.93	.80	.73	6-44L	.03	0	.01
5-14U	.73	.64	.58	6-60L	.03	.05	.05
5-19U	.66	.59	.55	6-70L	.05	.04	.03
5-38U	.41	.36	.35	7-0C	- 3.32	- 2.36	1.85
5-44U	.34	.31	.30	7-5U	- 1.31	- 1.12	1.01
5-60U	.23	.23	.22	7-8U	.99	.85	.77
5-70U	.16	.16	.16	7-14U	.72	.62	.58
5-80U	.08	.08	.08	7-19U	.62	.55	.51
5-90U	.01	0	0	7-38U	.42	.38	.36
5-95U	.05	.04	.04	7-60U	.22	.20	0
5-1.25L	.70	.69	.66	7-90U	.03	.01	.01
5-2.5L	.68	.62	.58	7-95U	.07	.07	.07
5-5L	.54	.46	.41	7-1.25L	.69	.68	.66
5-8L	.42	.35	.32	7-2.5L	.53	.62	.58
5-14L	.30	.24	.20	7-5L	.54	.47	.43
5-19L	.22	.16	.14	7-8L	.45	.36	.25
5-38L	.07	.03	.01	7-14L	.30	.24	.20
5-44L	.04	.01	0	7-19L	.22	.16	.14
5-60L	- .03	.05	.07	7-32L	.09	.05	.04
5-70L	.04	.03	.03	7-44L	.04	0	.01
5-90L	.05	.04	.03	7-60L	.01	.04	.04
5-95L	.07	.05	.07	7-70L	.01	.03	.03
6-0C	- 2.53	- 1.70	- .98	7-90L	.04	.04	.04
6-5U	- 1.34	- 1.14	- 1.03	7-95L	.07	.07	.07
6-14U	.74	.66	.47	8-0C	- 3.15	- 2.26	1.78
6-19U	.01	.01	0	8-1.25U	- 2.28	- 1.89	1.68
6-32U	.36	.34	.23	8-2.5U	- 1.78	- 1.51	1.36
6-44U	.30	.27	.19	8-5U	- 1.22	- 1.04	.95
6-60U	.23	.22	.17	8-8U	- 9.6	.82	.74
6-70U	.16	.16	.16	8-14U	- 6.8	.59	.55
6-80U	.07	.07	.02	8-19U	- 5.9	.53	.49
6-90U	.03	.03	.01	8-60U	- 0.5	.05	.05
6-100C	.08	.08	.09	8-80U	- 0.4	.04	.04
6-1.25L	.70	.69	.68	8-90U	- 0.3	.03	.03
6-2.5L	.66	.61	.57	8-95U	- 0.4	.05	.05
6-5L	.55	.47	.43	8-100C	- 1.1	.11	.11

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TABLE 6.- CONTINUED
(c)- Continued

ORIFICE	$B=0$	$B=1$	$B=2$	ORIFICE	$B=0$	$B=1$	$B=2$
4-90L	.04	.04	.04	6-8L	.31	.27	.24
4-95L	.07	.07	.07	6-14L	.17	.15	.12
5-0C	-.71	-.44	-	6-19L	.13	.12	.08
5-1.25U	-.1.55	1.32	-.1.08	6-38L	-.0	-.0	-.01
5-8U	-.61	-.56	-.49	6-44L	-.01	-.03	-.04
5-14U	.51	.47	.43	6-60L	-.05	-.05	-.07
5-19U	-.48	-.45	-.43	6-70L	-.03	-.03	-.01
5-38U	-.32	-.29	-.29	7-0C	-.1.30	1.01	.71
5-44U	-.27	-.20	-.24	7-5U	-.88	-.80	.71
5-60U	-.20	-.20	-.19	7-8U	-.67	-.60	.53
5-70U	-.13	-.13	-.13	7-14U	-.51	-.47	.33
5-80U	-.07	-.07	-.07	7-19U	-.45	-.41	.30
5-90U	.01	.01	.01	7-38U	-.32	-.31	.29
5-95U	.05	.05	.05	7-60U	-.17	-.17	.17
5-1.25L	.64	.60	.56	7-90U	-.03	-.03	.01
5-2.5L	.53	.49	.45	7-95U	-.08	-.08	.07
5-5L	.37	.33	.38	7-1.25L	.65	.61	.59
5-8L	.28	.25	.20	7-2.5L	.53	.49	.45
5-14L	.19	.15	.12	7-5L	.39	.35	.31
5-19L	.12	.09	.07	7-8L	.29	.25	.21
5-38L	-.0	0	-.01	7-14L	.17	.15	.12
5-44L	-.0	.01	-.03	7-19L	.12	.09	.07
5-60L	-.05	.07	-.07	7-32L	.03	.03	0
5-70L	.03	.03	.01	7-44L	-.01	-.01	.03
5-90L	.05	.05	.05	7-60L	-.04	-.04	.05
5-95L	.08	.08	.08	7-70L	-.03	-.03	.03
6-0C	-.80	-.55	-.28	7-90L	-.05	-.05	.04
6-5U	-.88	-.80	-.71	7-95L	-.08	-.08	.08
6-14U	-.53	-.43	-.45	8-0C	-.1.29	1.00	.72
6-19U	-.01	0	0	8-1.25U	-.1.41	1.24	1.09
6-32U	-.25	.21	.37	8-2.5U	-.1.15	1.05	.95
6-44U	-.20	.19	.29	8-5U	-.80	.72	.67
6-60U	-.15	.19	.18	8-8U	-.64	.59	.55
6-70U	-.14	.15	.15	8-14U	-.47	.44	.40
6-80U	-.05	.05	.05	8-19U	-.41	.38	.36
6-90U	.03	.03	.03	8-60U	-.04	-.04	.05
6-100C	.12	.12	.12	8-80U	-.03	-.01	.03
6-1.25L	.64	.63	.59	8-90U	-.04	-.04	.03
6-2.5L	.51	.47	.43	8-95U	-.04	-.04	.04
6-5L	.39	.36	.31	8-100C	-.13	.13	.13

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TABLE 6.— CONTINUED
(c)— Continued

ORIFICE	$\beta=4$	$\beta=6$	$\beta=8$	ORIFICE	$\beta=4$	$\beta=6$	$\beta=8$
4-90L	.04	.04	.04	6-8L	.16	.07	.01
4-95L	.07	.08	.08	6-14L	.07	.01	.08
5-0C	.19	.49	.57	6-19L	.05	.01	.08
5-1.25U	.74	.38	.05	6-38L	—	.05	.11
5-8U	.38	.27	.12	6-44L	—	.07	.12
5-14U	.35	.24	.18	6-60L	—	.07	.11
5-19U	.36	.28	.22	6-70L	—	0	.01
5-38U	.26	.22	.18	7-0C	—	.18	.09
5-44U	.22	.18	.14	7-5U	—	.55	.22
5-60U	.19	.16	.15	7-8U	—	.43	.19
5-70U	.12	.09	.07	7-14U	—	.35	.19
5-80U	.07	.07	.05	7-19U	—	.32	.18
5-90U	0	0	0	7-38U	—	.26	.18
5-95U	.04	.03	.03	7-60U	—	.16	.12
5-1.25L	.47	.30	.08	7-90U	—	.01	0
5-2.5L	.35	.20	.03	7-95U	—	.07	.07
5-5L	.32	.05	.08	7-1.25L	—	.50	.19
5-8L	.14	.03	.05	7-2.5L	—	.36	.05
5-14L	.05	0	.08	7-5L	—	.22	.09
5-19L	.01	.05	.12	7-8L	—	.14	.07
5-38L	.05	.06	.12	7-14L	—	.05	.09
5-44L	.04	.08	.11	7-19L	—	.03	.11
5-60L	.08	.09	.12	7-32L	—	.03	.11
5-70L	.01	0	.01	7-44L	—	.05	.11
5-90L	.05	.05	.05	7-60L	—	.07	.08
5-95L	.08	.08	.08	7-70L	—	.04	.05
6-0C	.11	.42	.53	7-90L	—	.04	.04
6-5U	.54	.35	.20	7-95L	—	.08	.08
6-14U	.38	.28	.20	8-0C	—	.20	.46
6-19U	0	0	0	8-1.25U	—	.81	.20
6-32U	.35	.32	.28	8-2.5U	—	.73	.27
6-44U	.28	.26	.22	8-5U	—	.50	.22
6-60U	.16	.15	.12	8-8U	—	.43	.20
6-70U	.14	.12	.11	8-14U	—	.34	.19
6-80U	.05	.05	.05	8-19U	—	.30	.18
6-90U	.03	.03	.03	8-60U	—	.05	.05
6-100C	.12	.12	.12	8-80U	—	.03	.01
6-1.25L	.50	.35	.15	8-90U	—	.03	.03
6-2.5L	.31	.16	0	8-95U	—	.05	.07
6-5L	.22	.09	.04	8-100C	—	.14	.14

~~CONFIDENTIAL~~TABLE 6.- CONTINUED
(c)- Continued

ORIFICE	$\beta=1.2$	ORIFICE	$\beta=1.2$
4-90L	.03	6-8L	-.31
4-95L	.05	6-14L	-.28
5-0C	- .07	6-19L	-.24
5-1.25U	.43	6-38L	-.19
5-8U	.14	6-44L	-.18
5-14U	.05	6-60L	-.14
5-19U	- .03	6-70L	-.04
5-38U	- .07	7-0C	.26
5-44U	- .05	7-5U	.11
5-60U	- .09	7-8U	.07
5-70U	.04	7-14U	- 0
5-80U	- .04	7-19U	- .01
5-90U	- 0	7-38U	- .09
5-95U	.01	7-60U	- .08
5-1.25L	- .62	7-90U	- 0
5-2.5L	- .49	7-95U	.05
5-5L	- .46	7-1.25L	.47
5-8L	- .34	7-2.5L	.42
5-14L	- .28	7-5L	.38
5-19L	- .27	7-8L	.31
5-38L	- .19	7-14L	.24
5-44L	- .16	7-19L	.24
5-60L	- .15	7-32L	.19
5-70L	- .04	7-44L	.15
5-90L	.05	7-60L	.11
5-95L	.08	7-70L	.07
6-0C	- .03	7-90L	.05
6-5U	.15	7-95L	.08
6-14U	- 0	8-0C	.31
6-19U	- 0	8-1.25U	.28
6-32U	.22	8-2.5U	.14
6-44U	.18	8-5U	.08
6-60U	.08	8-8U	.03
6-70U	- .07	8-14U	.01
6-80U	- .03	8-19U	.08
6-90U	.03	8-60U	-.05
6-100C	.12	8-80U	-.01
6-1.25L	- .45	8-90U	.03
6-2.5L	- .57	8-95U	.08
6-5L	- .42	8-100C	.12

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TABLE 6. -- CONTINUED
(c) - Continued

ORIFICE	$\beta = .12$	$\beta = .8$	$\beta = .6$	ORIFICE	$\beta = .12$	$\beta = .8$	$\beta = .6$
8-1.25L	.79	.70	.68	11-32U	-	.63	-
8-2.5L	.79	.74	.72	12-32U	-	.88	-
8-5L	.67	.64	.61	TIP-32C	-	1.03	-
8-8L	.55	.51	.47	11-32L	-	.08	-
8-14L	.40	.36	.34	10-32L	-	.04	-
8-19L	.32	.27	.26	10-70U	-	.47	-
8-32L	.16	.14	.12	11-70U	-	.40	-
8-38L	.11	.09	.07	12-70U	-	.33	-
8-44L	.05	.04	.03	TIP-70C	-	.03	-
8-60L	-	-	-	12-70L	-	.62	-
8-95L	-	.11	.08	11-70L	-	.16	-
9-0C	-	.10	.01	.05	10-70L	-	.08
9-1.25U	-	.63	-	1.45	-	3.12	10-70L
9-2.5U	-	.77	-	1.77	-	2.30	FIN-1
9-5U	-	.77	-	1.73	-	1.91	FIN-2
9-14U	-	.75	-	1.61	-	1.31	FIN-3
9-19U	-	.81	-	.97	-	.69	FIN-4
9-32U	-	.82	-	.73	-	.57	FIN-5
9-44U	-	.70	-	.41	-	.39	FIN-6
9-70U	-	.53	-	.28	-	.26	FIN-7
9-80U	-	.32	-	.14	-	.11	FIN-8
9-100C	-	.33	-	.11	-	.05	FIN-9
9-1.25L	-	.29	-	.04	-	.04	FIN-10
9-5L	-	.78	-	.73	-	.69	FIN-11
9-8L	-	.62	-	.59	-	.58	FIN-12
9-14L	-	.48	-	.45	-	.43	FIN-13
9-19L	-	.32	-	.28	-	.26	FIN-14
9-32L	-	.23	-	.20	-	.19	FIN-15
9-38L	-	.08	-	.04	-	.03	FIN-16
9-44L	-	.07	-	.04	-	.03	FIN-17
9-70L	-	.07	-	.05	-	.03	FIN-18
9-90L	-	.08	-	.05	-	.05	FIN-19
9-95L	-	.07	-	0	-	.03	FIN-20
2S-60U	-	.08	-	.04	-	.08	FIN-21
2S-60L	-	.26	-	.22	-	.19	FIN-22
5S-60L	-	.04	-	.04	-	.05	FIN-23
5S-60U	-	.12	-	.09	-	.08	FIN-24
8S-60L	-	.01	-	.01	-	.01	FIN-25
8S-60U	-	.32	-	.19	-	.16	FIN-26
10-32U	-	.03	-	.01	-	.01	FIN-27
10-32L	-	.03	-	.03	-	.03	FIN-28

TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$	ORIFICE	$\beta = .4$	$\beta = .2$	$\beta = .1$
8-1.25L	.68	.66	.65	11-32U	-	.49	.42
8-2.5L	.68	.62	.58	12-32U	-	.81	.62
8-5L	.54	.46	.42	TIP-32C	-	.86	.68
8-8L	.41	.34	.31	11-32L	-	.16	.15
8-14L	.27	.22	.19	10-32L	-	.04	.05
8-19L	.20	.16	.14	10-70U	-	.18	.14
8-32L	.08	.05	.04	11-70U	-	.61	.54
8-38L	.04	.01	0	12-70U	-	.55	.43
8-44L	- 0	-	.01	TIP-70C	-	.03	.03
8-60L	-	.05	-	.05	12-70L	-	1.03
8-95L	.07	.07	.07	11-70L	-	.27	.24
9-0C	-	2.20	-	1.49	1.12	10-70L	-
9-1.25U	-	1.88	-	1.54	1.36	FIN-1	-
9-2.5U	-	1.59	-	1.35	1.20	FIN-2	-
9-5U	-	1.12	-	.96	.86	FIN-3	-
9-14U	-	.64	-	.54	.50	FIN-4	-
9-19U	-	.50	-	.46	.42	FIN-5	-
9-32U	-	.35	-	.31	.30	FIN-6	-
9-44U	-	.23	-	.20	.19	FIN-7	-
9-70U	-	.08	-	.04	.03	FIN-8	-
9-80U	-	.04	-	.03	.01	FIN-9	-
9-100C	-	.07	-	.08	.09	FIN-10	-
9-1.25L	-	.68	-	.65	.64	FIN-11	-
9-5L	-	.50	-	.45	.41	FIN-12	-
9-8L	-	.35	-	.30	.26	FIN-13	-
9-14L	-	.20	-	.16	.14	FIN-14	-
9-19L	-	.14	-	.11	.08	FIN-15	-
9-32L	- 0	-	.03	-	.04	FIN-16	-
9-38L	- 0	-	.03	-	.03	FIN-17	-
9-44L	-	.01	0	-	.01	FIN-18	-
9-70L	-	.05	-	.05	.05	FIN-19	-
9-90L	-	.03	-	.04	.03	FIN-20	-
9-95L	-	.09	-	.09	.11	FIN-21	-
2S-60U	-	.19	-	.19	.19	FIN-22	-
2S-60L	-	.05	-	.05	.05	FIN-23	-
5S-60U	-	.07	-	.05	.05	FIN-24	-
5S-60L	-	.03	-	.04	.04	FIN-25	-
8S-60U	-	.16	-	.15	.15	FIN-26	-
8S-60L	-	.03	-	.04	.04	FIN-27	-
10-32U	-	.03	-	.03	.03	FIN-28	-

TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$	ORIFICE	$\beta = 0$	$\beta = 1$	$\beta = 2$
8-1.25L	.65	.59	.55	11-32U	-	.28	.23
8-2.5L	.54	.50	.46	12-32U	-	.42	.35
8-5L	.38	.34	.30	TIP-32C	-	.49	.42
8-8L	.26	.23	.20	11-32L	-	.15	.15
8-14L	.15	.14	.11	10-32L	-	.08	.08
8-19L	.11	.09	.07	10-70U	-	.09	.08
8-32L	.01	0	.01	11-70U	-	.45	.35
8-38L	-	.01	.01	12-70U	-	.28	.23
8-44L	-	.04	.04	TIP-70C	-	.03	.03
8-60L	-	.05	.05	12-70L	-	.62	.53
8-95L	.07	.08	.07	11-70L	-	.20	.19
9-0C	-	.77	.54	10-70L	-	.09	.09
9-1.25U	-	1.18	1.03	FIN-1	-	.03	.03
9-2.5U	-	1.07	.96	FIN-2	-	.03	.03
9-5U	-	.78	.70	FIN-3	-	.03	.01
9-14U	-	.46	.42	FIN-4	-	.11	.14
9-19U	-	.39	.36	FIN-5	-	.03	.04
9-32U	-	.28	.26	FIN-6	-	.03	.04
9-44U	-	.18	.16	FIN-7	-	.05	.07
9-70U	-	.01	.01	FIN-8	-	.01	.04
9-80U	-	.01	0	FIN-9	-	.05	.07
9-100C	.09	.09	.11	FIN-10	-	.05	.07
9-1.25L	.59	.55	.53	FIN-11	-	.07	.08
9-5L	.35	.32	.28	FIN-12	-	.04	.05
9-8L	.22	.19	.16	FIN-13	-	.01	.04
9-14L	.11	.09	.07	FIN-14	-	.09	.12
9-19L	.05	.04	.03	FIN-15	-	.03	.04
9-32L	-	.05	.07	FIN-16	-	.01	.03
9-38L	-	.04	.05	FIN-17	-	.01	.01
9-44L	-	.01	.03	FIN-18	-	.01	.01
9-70L	-	.05	.05	FIN-19	-	.05	.05
9-90L	.04	.04	.04	FIN-20	-	.03	.03
9-95L	.11	.11	.11	FIN-21	-	.11	.09
2S-60U	-	.18	.18	FIN-22	-	.05	.05
2S-60L	-	.05	.07	FIN-23	-	.04	.04
5S-60U	-	.05	.05	FIN-24	-	.03	.03
5S-60L	-	.04	.04	FIN-25	-	.18	.15
8S-60U	-	.15	.15	FIN-26	-	.12	.12
8S-60L	-	.04	.04	FIN-27	-	.07	.07
10-32U	.03	.03	.03	FIN-28	-	.05	.07

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TABLE 6. - CONTINUED
(c) - Continued

ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$	ORIFICE	$\beta = 4$	$\beta = 6$	$\beta = 8$
8-1.25L	.47	.32	.16	11-32U	-	.14	-
8-2.5L	.35	.23	.08	12-32U	-	.19	-
8-5L	.22	.09	-	TIP-32C	-	.23	-
8-8L	.12	.03	-	11-32L	-	.12	-
8-14L	.04	-	.03	10-32L	-	.09	-
8-19L	.01	-	.05	10-70U	-	.05	-
8-32L	-	.03	-	11-70U	-	.08	-
8-38L	-	.05	-	12-70U	-	.11	-
8-44L	-	.07	-	.09	TIP-70C	.03	-
8-60L	-	.07	-	.08	12-70L	.26	-
8-95L	.07	.08	-	11-70L	-	.14	-
9-0C	.07	.36	.50	10-70L	-	.08	-
9-1.25U	-	.72	.43	FIN-1	-	0	-
9-2.5U	-	.65	.45	FIN-2	-	.12	-
9-5U	-	.50	.38	FIN-3	-	.19	-
9-14U	-	.34	.27	FIN-4	-	.24	-
9-19U	-	.30	.24	FIN-5	-	.12	-
9-32U	-	.23	.20	FIN-6	-	.09	-
9-44U	-	.15	.14	FIN-7	-	.36	-
9-70U	.01	.01	0	FIN-8	-	.19	-
9-80U	-	0	0	FIN-9	-	.15	-
9-100C	.11	.12	.12	FIN-10	-	.12	-
9-1.25L	.43	.30	.15	FIN-11	-	.12	-
9-5L	.20	.11	0	FIN-12	-	.08	-
9-8L	.09	.01	.07	FIN-13	-	.22	-
9-14L	.01	.03	.08	FIN-14	-	.23	-
9-19L	-	.01	.05	FIN-15	-	.08	-
9-32L	-	.09	.11	FIN-16	-	.04	-
9-38L	-	.07	.08	FIN-17	-	.04	-
9-44L	-	.04	.05	FIN-18	-	.05	-
9-70L	-	.05	.04	FIN-19	-	.08	-
9-90L	.05	.05	.07	FIN-20	-	.05	-
9-95L	.12	.12	.14	FIN-21	-	.11	-
2S-60U	-	.19	.20	FIN-22	-	.07	-
2S-60L	-	.08	.09	FIN-23	-	.05	-
5S-60U	-	.07	.08	FIN-24	-	.03	-
5S-60L	-	.05	.07	FIN-25	-	.16	-
8S-60U	-	.15	.14	FIN-26	-	.11	-
8S-60L	-	.05	.05	FIN-27	-	.07	-
10-32U	-	.03	.03	FIN-28	-	.05	-

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TABLE 6. - CONCLUDED
(c) - Concluded

ORIFICE	$\beta = 1.2$			ORIFICE	$\beta = 1.2$		
8-1.25L	-	.39		11-32U	-	.15	
8-2.5L	-	.31		12-32U	-	.11	
8-5L	-	.32		TIP-32C	-	.08	
8-8L	-	.28		11-32L	-	.07	
8-14L	-	.22		10-32L	-	.11	
8-19L	-	.19		10-70U	-	.05	
8-32L	-	.15		11-70U	-	.05	
8-38L	-	.14		12-70U	-	.03	
8-44L	-	.14		TIP-70C	-	.03	
8-60L	-	.12		12-70L	-	0	
8-95L	.08			11-70L	-		
9-0C	.28			10-70L	-	.01	
9-1.25U	.26			FIN-1	-	.24	
9-2.5U	.12			FIN-2	-	.80	
9-5U	.04			FIN-3	-	.88	
9-14U	.09			FIN-4	-	.59	
9-19U	.09			FIN-5	-	.36	
9-32U	-	.12		FIN-6	-	.23	
9-44U	-	.08		FIN-7	-	2.66	
9-70U	-	.03		FIN-8	-	.80	
9-80U	-	0		FIN-9	-	.42	
9-100C	.12			FIN-10	-	.30	
9-1.25L	-	.35		FIN-11	-	.19	
9-5L	-	.22		FIN-12	-	.12	
9-8L	-	.26		FIN-13	-	2.51	
9-14L	-	.20		FIN-14	-	1.65	
9-19L	-	.18		FIN-15	-	.30	
9-32L	-	.16		FIN-16	-	.19	
9-38L	-	.11		FIN-17	-	.14	
9-44L	-	.07		FIN-18	-	.16	
9-70L	-	.01		FIN-19	-	.12	
9-90L	.07			FIN-20	-	.08	
9-95L	.14			FIN-21	-	.19	
2S-60U	-	.20		FIN-22	-	.15	
2S-60L	-	.12		FIN-23	-	.09	
5S-60U	-	.14		FIN-24	-	.03	
5S-60L	-	.09		FIN-25	-	.26	
8S-60U	-	.09		FIN-26	-	.19	
8S-60L	-	.08		FIN-27	-	.09	
10-32U	.03			FIN-28	-	.08	

TABLE 7. - PRESSURE COEFFICIENTS OVER THE TAIL FOR THE MODEL IN PITCH,
CLEAN CONDITION; $\beta, 0^\circ$. (a) $\delta_e, 8^\circ$.

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
1-OC	.42	.30	.31	3-1.25U	-	.32	.11
1-1.25U	.43	.25	.19	3-8U	-	.01	.11
1-2.5U	.24	.18	.13	3-14U	-	.06	.15
1-5U	.20	.12	.06	3-19U	-	.08	.16
1-8U	.12	.05	.02	3-32U	-	.12	.17
1-14J	.07	.01	-	3-60U	-	.10	.13
1-19U	-	.01	-	3-70U	-	.04	.08
1-32U	-	.05	-	3-95U	-	.03	.04
1-70U	-	.16	-	3-1.25L	-	.21	.03
1-80U	-	.10	-	3-2.5L	-	.34	.14
1-90U	-	.08	-	3-5L	-	.38	.17
1-95U	-	.03	-	3-8L	-	.27	.12
1-2.5L	-	.39	-	3-14L	-	.20	.14
1-5L	-	.37	-	3-32L	-	.17	.14
1-14L	-	.19	-	3-38L	-	.18	.16
1-19L	-	.24	-	3-60L	-	.14	.14
1-32L	-	.16	-	3-80L	-	.07	.05
1-38L	-	.21	-	3-95L	-	.07	.05
1-60L	-	.18	-	4-OC	-	.56	.59
1-70L	-	.14	-	4-1.25U	-	.22	.08
1-80L	-	.09	-	4-2.5U	-	.13	.0
2-1.25U	.33	.23	.24	4-14U	-	.08	.19
2-2.5U	.20	.05	-	4-19U	-	.09	.14
2-5U	.06	.04	-	4-32U	-	.10	.13
2-32U	-	.08	-	4-38U	-	.10	.13
2-38U	-	.15	-	4-60U	-	.14	.15
2-44U	-	.01	-	4-70U	-	.01	.02
2-70U	-	.09	-	4-90U	-	.01	.0
2-80U	-	.05	-	4-95U	-	.04	.05
2-95U	-	.05	-	4-100C	-	.12	.12
2-100C	-	.09	-	4-2.5L	-	.29	.09
2-1.25L	-	.37	-	4-5L	-	.29	.15
2-2.5L	-	.39	-	4-8L	-	.22	.10
2-5L	-	.40	-	4-14L	-	.18	.20
2-14L	-	.27	-	4-19L	-	.22	.19
2-32L	-	.17	-	4-32L	-	.21	.16
2-38L	-	.18	-	4-38L	-	.19	.18
2-44L	-	.22	-	4-44L	-	.22	.15
2-70L	-	.08	-	4-60L	-	.12	.12
2-95L	-	.05	-	4-80L	-	.04	.02

TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	.31	.42	.43	3-1.25U	-	.20	.47
1-1.25U	.24	.18	.24	3-8U	-	.29	.48
1-2.5U	.11	.13	.13	3-14U	-	.26	.43
1-5U	.07	.04	.02	3-19U	-	.33	.40
1-8U	.01	.03	.05	3-32U	-	.26	.32
1-14J	.04	.06	.11	3-60U	-	.17	.20
1-19U	.12	.14	.19	3-70U	-	.13	.16
1-32U	.16	.18	.23	3-95U	.04	.04	.04
1-70U	.17	.14	.20	3-1.25L	.28	.41	.51
1-80U	.12	.13	.15	3-2.5L	.12	.24	.33
1-90U	.05	.08	.11	3-5L	.03	.08	.16
1-95U	.01	.01	.04	3-8L	.03	.04	.12
1-2.5L	.11	.11	.19	3-14L	.06	.01	.04
1-5L	.11	.11	.16	3-32L	-	.05	.04
1-14L	.09	.05	.07	3-38L	.13	.11	.08
1-19L	.10	.05	.05	3-60L	.13	.12	.11
1-32L	.05	.03	.01	3-80L	.04	.03	.04
1-38L	.08	.08	.07	3-95L	.05	.05	.04
1-60L	.12	.07	.08	4-0C	.61	.41	.09
1-70L	.08	.06	.08	4-1.25U	.23	.55	.66
1-80L	.05	.04	.05	4-2.5U	.33	.51	.58
2-1.25U	.11	.02	.11	4-14U	.30	.46	.55
2-2.5U	.16	.27	.49	4-19U	.21	.25	.41
2-5U	.18	.26	.43	4-32U	.25	.28	.33
2-32U	.15	.17	.27	4-38U	.22	.25	.31
2-38U	.21	.30	.35	4-60U	.22	.24	.27
2-44U	.08	.10	.17	4-70U	.08	.09	.12
2-70U	.11	.11	.15	4-90U	0	0	.01
2-80U	.08	.05	.09	4-95U	.05	.07	.05
2-95U	.05	.05	.03	4-100C	.10	.13	.11
2-100C	.05	.04	0	4-2.5L	.16	.28	.37
2-1.25L	.20	.33	.37	4-5L	.03	.14	.21
2-2.5L	.05	.13	.24	4-8L	.03	.11	.17
2-5L	.05	.04	.11	4-14L	.11	.03	.01
2-14L	.09	.03	.01	4-19L	.11	.05	.01
2-32L	.12	.07	.05	4-32L	.09	.04	.03
2-38L	.13	.09	.08	4-38L	.14	.11	.09
2-44L	.13	.09	.08	4-44L	.13	.09	.08
2-70L	.04	.01	0	4-60L	.11	.06	.08
2-95L	.03	.03	0	4-80L	.01	0	.01

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
1-OC	.45	.49	.50	3-1.25U	-	1.01	1.23
1-1.25U	.19	.23	.20	3-8U	-	.44	.63
1-2.5U	.13	.12	.11	3-14U	-	.48	.51
1-5U	.03	.03	0	3-19U	-	.34	.47
1-8U	-	.07	.07	3-32U	-	.26	.35
1-14L	-	.09	.12	3-60U	-	.15	.19
1-19U	-	.20	.20	3-70U	-	.15	.09
1-32U	-	.24	.24	3-95U	.02	.03	0
1-70U	-	.30	.30	3-1.25L	.44	.60	.47
1-80U	-	.16	.15	3-2.5L	.41	.47	.43
1-90U	-	.11	.09	3-5L	.20	.31	.32
1-95U	-	.03	.03	3-8L	.14	.24	.26
1-2.5L	-	.20	.15	3-14L	.07	.15	.18
1-5L	-	.16	.12	3-32L	.01	.03	.05
1-14L	-	.04	.01	3-38L	.04	.01	.01
1-19L	-	.04	.01	3-60L	.06	.05	.04
1-32L	.01	.03	.04	3-80L	.03	.01	.01
1-38L	-	.04	0	3-95L	.04	.04	.01
1-60L	-	.07	.02	4-00	.32	.73	1.19
1-70L	-	.05	.02	4-1.25U	1.11	1.27	1.53
1-80L	-	.04	.01	4-2.5U	.89	.99	1.19
2-1.25U	-	.27	.33	4-14U	.59	.63	.69
2-2.5U	-	.53	.42	4-19U	.45	.48	.54
2-5U	-	.44	.36	4-32U	.36	.36	.41
2-32U	-	.29	.29	4-38U	.32	.33	.36
2-38U	-	.35	.37	4-60U	.27	.25	.27
2-44U	-	.14	.14	4-70U	.13	.12	.12
2-70U	-	.12	.17	4-90U	.01	.01	0
2-80U	-	.07	.07	4-95U	.05	.07	.05
2-95U	-	.01	0	4-100C	.11	.11	.08
2-100C	-	0	0	4-2.5L	.44	.52	.55
2-1.25L	-	.26	.32	4-5L	.29	.36	.41
2-2.5L	-	.20	.28	4-8L	.23	.28	.31
2-5L	-	.12	.19	4-14L	.07	.10	.16
2-14L	-	.05	.11	4-19L	.04	.09	.12
2-32L	-	.01	.04	4-32L	.01	.04	.07
2-38L	-	.02	.01	4-38L	.05	1.32	0
2-44L	-	.03	0	4-44L	.05	.01	.01
2-70L	-	1.35	.04	4-60L	.05	.03	.03
2-95L	-	.01	.01	4-80L	.0	1.35	.01

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 16$	$\alpha = 18$	ORIFICE	$\alpha = 16$	$\alpha = 18$
1-OC	.54	.68	3-1.25U	- 1.35	- 1.15
1-1.25U	.14	.15	3-8U	- 6.5	- 6.2
1-2.5U	.06	.06	3-14U	- .52	- .51
1-5U	- .03	.06	3-19U	- .48	- .47
1-8U	- .11	.13	3-32U	- .35	- .37
1-14J	- .15	.16	3-60U	- .20	- .22
1-19U	- .24	.25	3-70U	- .11	- .13
1-32U	- .27	.26	3-95U	- 0	.01
1-70U	- .21	.24	3-1.25L	- .35	.31
1-80U	- .17	.18	3-2.5L	.35	.35
1-90U	- .11	.12	3-5L	.28	.22
1-95U	- .03	.03	3-8L	.24	.18
1-2.5L	- .08	.16	3-14L	.18	.10
1-5L	- .08	.16	3-32L	.06	.01
1-14L	- 0	.07	3-38L	.03	.01
1-19L	- .01	.06	3-60L	- .01	.04
1-32L	- .06	0	3-80L	- 0	.01
1-38L	- 0	.06	3-95L	.01	.03
1-60L	- .03	.07	4-OC	- 1.14	.84
1-70L	- .01	.06	4-1.25U	- 1.49	1.07
1-80L	- .01	.04	4-2.5U	- 1.15	.88
2-1.25U	- .51	.57	4-14U	- .66	.60
2-2.5U	- .61	.56	4-19U	- .52	.47
2-5U	- .49	.50	4-32U	- .38	.37
2-32U	- .34	.32	4-38U	- .37	.38
2-38U	- .39	.40	4-60U	- .25	.29
2-44U	- .24	.26	4-70U	- .11	.13
2-70U	- .20	.19	4-90U	- 0	.03
2-80U	- .11	.12	4-95U	.04	.03
2-95U	- 0	.01	4-100C	.08	.09
2-100C	- .03	0	4-2.5L	.54	.37
2-1.25L	.31	.31	4-5L	.38	.24
2-2.5L	.28	.22	4-8L	.30	.16
2-5L	.23	.15	4-14L	.14	.03
2-14L	.15	.07	4-19L	.10	.01
2-32L	.07	0	4-32L	.06	0
2-38L	.06	.01	4-38L	- 0	.06
2-44L	.04	.01	4-44L	- 0	.04
2-70L	.06	.04	4-60L	- .03	.04
2-95L	.01	.03	4-80L	.01	0

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 2$
4-90L	.01	.03	.03	6-8L	-	.23	.12
4-95L	.07	.07	.07	6-14L	-	.25	.17
5-0C	.60	.71	.67	6-19L	-	.24	.17
5-1.25U	.23	.01	.18	6-38L	-	.23	.19
5-8U	-	.03	.13	6-44L	-	.23	.19
5-14U	-	.11	.17	6-60L	-	.19	.16
5-19U	-	.16	.23	6-70L	-	.08	.07
5-38U	-	.15	.17	7-0C	-	.69	.69
5-44U	-	.11	.15	7-5U	-	.04	.19
5-60U	-	.15	.16	7-8U	-	.07	.16
5-70U	-	.07	.09	7-14U	-	.11	.19
5-90U	-	.07	.07	7-19U	-	.12	.19
5-90U	-	0	0	7-38U	-	.17	.20
5-95U	-	.03	.04	7-60U	-	.13	.15
5-1.25L	-	.24	.01	7-90U	-	.01	0
5-2.5L	-	.28	.07	7-95U	-	.05	.07
5-5L	-	.32	.16	7-1.25L	-	.16	.08
5-8L	-	.25	.15	7-2.5L	-	.25	.08
5-14L	-	.24	.16	7-5L	-	.29	.15
5-19L	-	.27	.20	7-8L	-	.27	.16
5-38L	-	.24	.20	7-14L	-	.23	.17
5-44L	-	.21	.17	7-19L	-	.24	.19
5-60L	-	.21	.19	7-32L	-	.21	.17
5-70L	-	.07	.05	7-44L	-	.19	.16
5-90L	-	.03	.04	7-60L	-	.15	.13
5-95L	-	.08	.08	7-70L	-	.09	.08
6-0C	-	.59	.68	7-90L	-	.03	.04
6-5U	-	.04	.17	7-95L	-	.09	.08
6-14U	-	.11	.17	8-0C	-	.68	.69
6-19U	-	.04	.03	8-1.25U	-	.17	.03
6-32U	-	0	.04	8-2.5U	-	0	.16
6-44U	-	0	.04	8-5U	-	.04	0
6-60U	-	.13	.15	8-8U	-	.08	.18
6-70U	-	.13	.15	8-14U	-	.11	.17
6-80U	-	.05	.05	8-19U	-	.13	.19
6-90U	-	.03	.03	8-60U	-	.04	.05
6-100C	-	.15	.15	8-80U	-	.04	.04
6-1.25L	-	.17	.07	8-90U	-	.01	.01
6-2.5L	-	.31	.12	8-95U	-	.13	.11
6-5L	-	.31	.15	8-100C	-	.16	.14

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha=4$	$\alpha=6$	$\alpha=8$	ORIFICE	$\alpha=4$	$\alpha=6$	$\alpha=8$
4-90L	.03	.03	.03	6-8L	.07	.14	.21
4-95L	.07	.05	.07	6-14L	-	.04	.09
5-0C	.57	.33	.04	6-19L	-	.05	.05
5-1.25U	-	.43	.70	6-38L	-	.12	.08
5-8U	-	.30	.38	6-44L	-	.12	.09
5-14U	-	.29	.36	6-60L	-	.12	.11
5-19U	-	.32	.37	6-70L	-	.03	.01
5-38U	-	.24	.28	7-0C	.36	.03	.38
5-44U	-	.20	.22	7-5U	-	.43	.55
5-60U	-	.18	.20	7-8U	-	.33	.42
5-70U	-	.12	.14	7-14U	-	.29	.36
5-80U	-	.08	.08	7-19U	-	.28	.33
5-90U	-	0	0	7-38U	-	.26	.28
5-95U	-	.04	.04	7-60U	-	.16	.13
5-1.25L	-	.33	.46	7-90U	-	.01	0
5-2.5L	-	.21	.33	7-95U	-	.07	.07
5-5L	-	.05	.14	7-1.25L	-	.41	.50
5-8L	-	.04	.12	7-2.5L	-	.22	.33
5-14L	-	.03	.04	7-5L	-	.09	.14
5-19L	-	.08	.03	7-8L	-	.04	.11
5-38L	-	.12	1.22	7-14L	-	.03	.03
5-44L	-	.11	.08	7-19L	-	.07	.01
5-60L	-	.14	.12	7-32L	-	.09	.05
5-70L	-	.03	.01	7-44L	-	.11	.08
5-90L	-	.04	.04	7-60L	-	.11	.09
5-95L	-	.08	.08	7-70L	-	.07	.05
6-0C	-	.53	.29	7-90L	-	.04	.04
6-5U	-	.42	.55	7-95L	-	.09	.08
6-14U	-	.30	.38	8-0C	-	.36	.03
6-19U	-	.03	.03	8-1.25U	-	.49	.75
6-32U	-	.14	.20	8-2.5U	-	.53	.71
6-44U	-	.13	.17	8-5U	-	.41	.38
6-60U	-	.17	.18	8-8U	-	.34	.42
6-70U	-	.16	.16	8-14U	-	.28	.34
6-80U	-	.07	.08	8-19U	-	.25	.30
6-90U	-	0	0	8-60U	-	.07	.08
6-100C	-	.13	.13	8-80U	-	.03	.04
6-1.25L	-	.39	.50	8-90U	-	.01	.03
6-2.5L	-	.18	.29	8-95U	-	.09	.08
6-5L	-	.09	.18	8-100C	-	.14	.14

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha=10$	$\alpha=12$	$\alpha=14$	ORIFICE	$\alpha=10$	$\alpha=12$	$\alpha=14$
4-9OL	.04	.04	.04	6-8L	.28	.32	.38
4-95L	.07	.05	.05	6-14L	.16	.19	.23
5-0C	-.42	.88	1.42	6-19L	.12	.15	.18
5-1.25U	-.1.32	1.61	1.61	6-38L	-.01	.01	.04
5-8U	-.57	.67	.76	6-44L	-.03	.01	0
5-14U	.49	.55	.59	6-60L	-.05	.05	.04
5-19U	-.46	.40	.57	6-70L	-.03	.03	.04
5-38U	-.32	.26	.36	7-0C	-.96	1.51	2.15
5-44U	-.26	.29	.30	7-5U	-.80	.92	1.05
5-60U	-.21	.21	.22	7-8U	-.62	.71	.80
5-70U	-.14	.15	.15	7-14U	-.47	.53	.59
5-80U	-.07	.08	.07	7-19U	-.42	.48	.51
5-90U	.01	.01	.01	7-38U	-.32	.35	.35
5-95U	.05	.04	.05	7-60U	-.18	.19	.19
5-1.25L	.62	.64	.66	7-90U	-.03	.01	.01
5-2.5L	.50	.55	.59	7-95U	-.08	.07	.07
5-5L	.33	.39	.45	7-1.25L	.64	.65	.66
5-8L	.25	.29	.35	7-2.5L	.51	.55	.59
5-14L	.16	.19	.23	7-5L	.36	.40	.46
5-19L	.09	.12	.16	7-8L	.26	.31	.35
5-38L	-.01	.01	.04	7-14L	.14	.19	.23
5-44L	-.01	0	.03	7-19L	.11	.12	.16
5-60L	-.07	.07	.04	7-32L	.01	.04	.05
5-70L	.03	.03	.04	7-44L	-.01	.01	.01
5-90L	.05	.05	.05	7-60L	-.04	.04	.03
5-95L	.09	.07	.07	7-70L	-.03	.03	.01
6-0C	-.49	.96	1.53	7-90L	.05	.04	.04
6-5U	-.80	.93	1.07	7-95L	.09	.08	.07
6-14U	-.49	.56	.62	8-0C	-.93	1.45	2.07
6-19U	0	0	.01	8-1.25U	1.24	1.49	1.77
6-32U	.25	.23	.32	8-2.5U	1.05	1.23	1.42
6-44U	.21	.19	.26	8-5U	.74	.85	.97
6-60U	.20	.21	.20	8-8U	.59	.69	.77
6-70U	.16	.16	.16	8-14U	.45	.51	.55
6-80U	-.05	.07	.07	8-19U	.39	.44	.49
6-90U	.03	.03	.04	8-60U	-.08	.08	.09
6-100C	.12	.11	.09	8-80U	-.03	.03	.03
6-1.25L	.64	.67	.68	8-90U	.04	.03	.03
6-2.5L	.49	.53	.58	8-95U	-.04	.04	.04
6-5L	.36	.41	.46	8-100C	.14	.12	.12

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TABLE 7. - CONTINUED
(a) - Continued.

ORIFICE	$\alpha=16$	$\alpha=18$	ORIFICE	$\alpha=16$	$\alpha=18$
4-90L	.03	.03	6-8L	.33	.13
4-95L	.04	.04	6-14L	.19	.03
5-0C	- 1.19	.22	6-19L	.13	0
5-1.25U	- 1.66	1.13	6-38L	- .01	.09
5-8U	- .74	.56	6-44L	- .03	.10
5-14U	.60	.50	6-60L	- .05	.10
5-19U	- .56	.50	6-70L	0	.03
5-38U	- .36	.37	7-0C	- 1.77	.99
5-44U	- .31	.29	7-5U	- 1.03	.85
5-60U	- .23	.25	7-8U	- .79	.68
5-70U	- .17	.18	7-14U	- .60	.54
5-80U	- .09	.12	7-19U	- .53	.50
5-90U	- 0	.03	7-38U	- .37	.38
5-95U	.04	0	7-60U	- .21	.24
5-1.25L	.64	.44	7-90U	- 0	.06
5-2.5L	.57	.34	7-95U	.06	0
5-5L	.40	.18	7-1.25L	.66	.44
5-8L	.30	.13	7-2.5L	.57	.34
5-14L	.19	.04	7-5L	.41	.19
5-19L	.11	.01	7-8L	.30	.12
5-38L	.01	.07	7-14L	.17	.03
5-44L	- 0	.07	7-19L	.11	.01
5-60L	- .07	.10	7-32L	.01	.07
5-70L	.01	.01	7-44L	- .03	.09
5-90L	.04	.01	7-60L	- .07	.10
5-95L	.06	.04	7-70L	- .06	.10
6-0C	- 1.17	.40	7-90L	.01	.03
6-5U	- 1.03	.81	7-95L	.06	0
6-14U	- .61	.56	8-0C	- 1.80	1.21
6-19U	- 0	.01	8-1.25U	- 1.71	1.37
6-32U	- .39	.40	8-2.5U	- 1.40	1.18
6-44U	- .31	.32	8-5U	- .97	.85
6-60U	- .23	.25	8-8U	- .79	.72
6-70U	- .17	.21	8-14U	- .57	.54
6-80U	- .07	.12	8-19U	- .50	.49
6-90U	.04	.03	8-60U	- .11	.15
6-100C	.09	.04	8-80U	- .06	.10
6-1.25L	.66	.44	8-90U	- .01	.04
6-2.5L	.54	.28	8-95U	- .06	.09
6-5L	.41	.18	8-100C	- .10	.03

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TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = 2$
8-1.25L	-	.16	.05	.21	11-32U	-	.11
8-2.5L	-	.21	-	.04	.11	12-32U	-
8-5L	-	.23	-	.12	-	.01	TIP-32C
8-8L	-	.24	-	.14	-	.05	11-32L
8-14L	-	.21	-	.14	-	.08	10-32L
8-19L	-	.20	-	.14	-	.11	10-70U
8-32L	-	.17	-	.14	-	.12	11-70U
8-38L	-	.16	-	.14	-	.12	12-70U
8-44L	-	.16	-	.14	-	.13	TIP-70C
8-60L	-	.08	-	.07	-	.05	12-70L
8-95L	.11			.11	.09		11-70L
9-0C	.65			.69	.67		10-70L
9-1.25U	.19	-	0	-	.19		FIN-1
9-2.5U	.04	-	.12	-	.22		FIN-2
9-5U	-	.05	-	.16	-	.27	FIN-3
9-14U	-	.13	-	.18	-	.25	FIN-4
9-19U	-	.15	-	.18	-	.23	FIN-5
9-32U	-	.15	-	.17	-	.20	FIN-6
9-44U	-	.11	-	.12	-	.13	FIN-7
9-70U	-	.01	-	.01	-	.05	FIN-8
9-80U	-	0	-	0	-	.08	FIN-9
9-100C	.15			.14	.15		FIN-10
9-1.25L	-	.17		.03	.19		FIN-11
9-5L	-	.20	-	.11	.01		FIN-12
9-8L	-	.23	-	.14	-	.05	FIN-13
9-14L	-	.20	-	.14	-	.07	FIN-14
9-19L	-	.19	-	.14	-	.08	FIN-15
9-32L	-	.19	-	.16	-	.11	FIN-16
9-38L	-	.15	-	.13	-	.11	FIN-17
9-44L	-	.09	-	.06	-	.07	FIN-18
9-70L	-	.04	-	.04	-	.04	FIN-19
9-90L	.07			.05	.07		FIN-20
9-95L	.12			.12	.12		FIN-21
2S-60U	-	.16	-	.16	.17		FIN-22
2S-60L	-	.12	-	.12	.10		FIN-23
5S-60U	-	.07	-	.07	.07		FIN-24
5S-60L	-	.12	-	.11	.11		FIN-25
8S-60U	-	.12	-	.13	.13		FIN-26
8S-60L	-	.11	-	.11	.09		FIN-27
10-32U	-	.01	-	.01	.01		FIN-28

TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
8-1.25L	.28	.48	.55	11-32U	-	.10	.16
8-2.5L	.19	.35	.43	12-32U	-	.13	.19
8-5L	.08	.19	.26	TIP-32C	-	.13	.20
8-8L	.02	.09	.16	11-32L	-	.08	.08
8-14L	-	.01	.04	10-32L	-	.08	.08
8-19L	-	.04	0	10-70U	-	.05	.05
8-32L	.08	.05	.03	11-70U	-	.05	.12
8-38L	-	.07	.07	12-70U	-	.08	.12
8-44L	-	.08	.08	0	0	.01	.01
8-60L	-	.05	.05	12-70L	-	.13	.24
8-95L	.09	.08	.08	11-70L	-	.07	.09
9-0C	.39	.28	.03	10-70L	-	.05	.07
9-1.25U	-	.43	.61	FIN-1	-	0	.01
9-2.5U	-	.46	.63	FIN-2	-	.01	.01
9-5U	-	.39	.48	FIN-3	-	.03	.01
9-14U	-	.28	.33	FIN-4	-	.08	.07
9-19U	-	.26	.31	FIN-5	-	.01	.01
9-32U	-	.21	.24	FIN-6	-	.01	.01
9-44U	-	.14	.15	FIN-7	-	.13	.08
9-70U	-	0	0	FIN-8	-	.04	.04
9-80U	-	0	0	FIN-9	-	.06	.05
9-100C	.14	.13	.12	FIN-10	-	.04	.05
9-1.25L	.33	.44	.51	FIN-11	-	.07	.07
9-5L	.14	.20	.26	FIN-12	-	.04	.03
9-8L	.01	.08	.13	FIN-13	-	.04	.02
9-14L	-	.04	0	FIN-14	-	.12	.09
9-19L	-	.07	.03	FIN-15	-	.05	.04
9-32L	-	.12	.11	FIN-16	-	.03	.03
9-38L	-	.09	.08	FIN-17	-	0	.01
9-44L	-	.05	.05	FIN-18	-	.01	.01
9-70L	-	.04	.05	FIN-19	-	.05	.05
9-90L	.05	.05	.04	FIN-20	-	.03	.03
9-95L	.09	.12	.09	FIN-21	-	.11	.11
2S-60U	-	.13	.19	FIN-22	-	.05	.05
2S-60L	-	.07	.08	FIN-23	-	.04	.04
5S-60U	-	.04	.05	FIN-24	-	0	.01
5S-60L	-	.07	.08	FIN-25	-	.18	.19
8S-60U	-	.11	.15	FIN-26	-	.12	.12
8S-60L	-	.06	.07	FIN-27	-	.07	.07
10-32U	-	0	.01	FIN-28	-	.07	.07

TABLE 7. - CONTINUED
(a) - Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
8-1.25L	.61	.64	.64	11-32U	-	.20	.30
8-2.5L	.51	.55	.59	12-32U	-	.36	.45
8-5L	.35	.39	.43	TIP-32C	-	.40	.50
8-8L	.23	.21	.32	11-32L	-	.12	.15
8-14L	.13	.16	.20	10-32L	-	.07	.07
8-19L	.09	.12	.15	10-70U	-	.08	.11
8-32L	0	.03	.04	11-70U	-	.37	.47
8-38L	-	.01	0	12-70U	-	.25	.31
8-44L	-	.05	.03	-	.01	TIP-70C	.03
8-60L	-	.05	.04	-	.04	12-70L	.52
8-95L	-	.08	.07	-	.07	11-70L	.17
9-OC	-	.47	.85	-	1.35	10-70L	.08
9-1.25U	-	.79	1.23	-	1.46	FIN-1	.03
9-2.5U	-	.95	.86	-	1.27	FIN-2	.01
9-5U	-	.71	.81	-	.91	FIN-3	.03
9-14U	-	.43	.47	-	.54	FIN-4	0
9-19U	-	.37	.41	-	.43	FIN-5	.01
9-32U	-	.27	.28	-	.30	FIN-6	.01
9-44U	-	.17	.19	-	.19	FIN-7	.08
9-70U	-	.01	.01	-	.03	FIN-8	.01
9-80U	-	0	.01	-	.01	FIN-9	.05
9-100C	-	.11	.09	-	.08	FIN-10	.04
9-1.25L	-	.59	.61	-	.62	FIN-11	.07
9-5L	-	.32	.38	-	.42	FIN-12	.02
9-8L	-	.20	.24	-	.27	FIN-13	0
9-14L	-	.09	.12	-	.15	FIN-14	.09
9-19L	-	.04	.07	-	.09	FIN-15	.03
9-32L	-	.04	.05	-	.03	FIN-16	0
9-38L	-	.05	.04	-	.03	FIN-17	.01
9-44L	-	.01	.01	-	.01	FIN-18	0
9-70L	-	.05	.05	-	.05	FIN-19	.04
9-90L	-	.04	.04	-	.03	FIN-20	.01
9-95L	-	.12	.11	-	.11	FIN-21	.09
2S-60U	-	.19	.19	-	.19	FIN-22	.05
2S-60L	-	.07	.05	-	.05	FIN-23	.04
5S-60U	-	.04	.05	-	.04	FIN-24	.03
5S-60L	-	.05	.04	-	.03	FIN-25	.17
8S-60U	-	.12	.16	-	.15	FIN-26	.12
8S-60L	-	.04	.04	-	.03	FIN-27	.07
10-32U	-	.02	.03	-	.04	FIN-28	.05

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TABLE 7. - CONTINUED
(a) - Concluded

ORIFICE	$\alpha = .16$	$\alpha = .18$	ORIFICE	$\alpha = .16$	$\alpha = .18$
8-1.25L	.64	.42	11-32U	-	.41
8-2.5L	.57	.34	12-32U	-	.60
8-5L	.41	.21	TIP-32C	-	.66
8-8L	.29	.12	11-32L	-	.16
8-14L	.17	.03	10-32L	-	.09
8-19L	.11	-	10-70U	-	.16
8-32L	0	.07	11-70U	-	.50
8-38L	-	.03	12-70U	-	.40
8-44L	-	.06	TIP-70C	-	.04
8-60L	-	.07	12-70L	-	.76
8-95L	-	.04	11-70L	-	.24
9-0C	-	1.24	10-70L	-	.13
9-1.25U	-	1.46	FIN-1	-	.03
9-2.5U	-	1.29	FIN-2	-	.03
9-5U	-	.94	FIN-3	-	.01
9-14U	-	.54	FIN-4	-	.14
9-19U	-	.46	FIN-5	-	.04
9-32U	-	.33	FIN-6	-	.04
9-44U	-	.21	FIN-7	-	.03
9-70U	-	.06	FIN-8	-	0
9-80U	-	.04	FIN-9	-	.03
9-100C	.07	0	FIN-10	-	.07
9-1.25L	.64	.42	FIN-11	-	.07
9-5L	.40	.24	FIN-12	-	.06
9-8L	.26	.10	FIN-13	-	.03
9-14L	.13	.01	FIN-14	-	.10
9-19L	.06	.03	FIN-15	-	.03
9-32L	-	.07	FIN-16	-	0
9-38L	-	.06	FIN-17	-	0
9-44L	-	.04	FIN-18	-	.01
9-70L	-	.09	FIN-19	-	.06
9-90L	-	0	FIN-20	-	.03
9-95L	-	.07	FIN-21	-	.10
2S-60U	-	.21	FIN-22	-	.06
2S-60L	-	.07	FIN-23	-	.04
5S-60U	-	.07	FIN-24	-	.04
5S-60L	-	.06	FIN-25	-	.17
8S-60U	-	.16	FIN-26	-	.13
8S-60L	-	.06	FIN-27	-	.07
10-32U	-	.04	FIN-28	-	.07

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TABLE 7. - CONTINUED
 (b) δ_e , - 8°.

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
1-OC	.37	.36	.38	3-1.25U	.39	.25	.06
1-1.25U	.49	.40	.32	3-8U	.04	.03	.12
1-2.5U	.36	.30	.23	3-14U	.04	.09	.16
1-5U	.24	.18	.14	3-19U	.07	.10	.16
1-8U	.16	.12	.08	3-32U	.08	.12	.16
1-14J	.11	.06	.04	3-60U	.08	.09	.10
1-19U	.03	0	.03	3-70U	.03	.04	.06
1-32U	-	.01	.03	3-95U	.04	.05	.05
1-70U	-	.14	.14	3-1.25L	.39	.14	.05
1-80U	-	.07	.06	3-2.5L	.43	.23	.08
1-90U	-	.04	.03	3-5L	.43	.29	.16
1-95U	-	.05	.05	3-8L	.32	.21	.12
1-2.5L	-	.46	.31	3-14L	.29	.21	.14
1-5L	-	.42	.29	3-32L	.24	.18	.16
1-14L	-	.29	.21	3-38L	.25	.21	.17
1-19L	-	.26	.19	3-60L	.20	.17	.16
1-32L	-	.18	.13	3-80L	.07	.04	.04
1-38L	-	.22	.17	3-95L	.07	.08	.08
1-60L	-	.18	.14	4-OC	.50	.64	.69
1-70L	-	.14	.12	4-1.25U	.37	.21	.03
1-80L	-	.08	.06	4-2.5U	.24	.10	.05
2-1.25U	-	.16	.06	4-14U	.08	.12	.26
2-2.5U	-	.26	.16	4-19U	.07	.12	.17
2-5U	-	.13	.05	4-32U	.09	.13	.17
2-32U	-	.04	.09	4-38U	.16	.14	.13
2-38U	-	.14	.17	4-60U	.16	.17	.18
2-44U	-	.12	.08	4-70U	0	.01	.03
2-70U	-	.04	.05	4-90U	.01	.03	.01
2-80U	-	.03	.03	4-95U	.07	.08	.06
2-95U	-	.07	.06	4-100C	.14	.16	.03
2-100C	-	.11	.10	4-2.5L	.39	.19	.03
2-1.25L	-	.47	.23	4-5L	.37	.22	.10
2-2.5L	-	.47	.29	4-8L	.29	.17	.08
2-5L	-	.46	.31	4-14L	.36	.27	.18
2-14L	-	.30	.23	4-19L	.32	.23	.18
2-32L	-	.25	.19	4-32L	.22	.17	.13
2-38L	-	.25	.19	4-38L	.26	.22	.18
2-44L	-	.24	.19	4-44L	.24	.18	.16
2-70L	-	.11	.08	4-60L	.17	.14	.12
2-95L	-	.07	.06	4-80L	.04	.03	.01

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	.39	.39	.39	3-1.25U	-	.14	.35
1-1.25U	.26	.26	.29	3-8U	-	.22	.30
1-2.5U	.18	.17	.18	3-14U	-	.22	.27
1-5U	.10	.08	.08	3-19U	-	.22	.27
1-8U	.04	.01	0	3-32U	-	.18	.22
1-14J	-	.01	.03	3-60U	-	.13	.14
1-19U	-	.06	.09	3-70U	-	.08	.10
1-32U	-	.09	.13	3-95U	-	.05	.05
1-70U	-	.14	.14	3-1.25L	-	.22	.35
1-80U	-	.06	.08	3-2.5L	-	.08	.19
1-90U	-	.03	.04	3-5L	-	.05	.04
1-95U	-	.04	.03	3-8L	-	.05	.03
1-2.5L	-	.14	.14	3-14L	-	.09	.03
1-5L	-	.14	.14	3-32L	-	.12	.08
1-14L	-	.09	.06	3-38L	-	.14	.10
1-19L	-	.10	.06	3-60L	-	.13	.12
1-32L	-	.06	.03	3-80L	-	.03	.03
1-38L	-	.10	.08	3-95L	-	.08	.06
1-60L	-	.10	.09	4-0C	-	.66	.49
1-70L	-	.09	.08	4-1.25U	-	.19	.42
1-80L	-	.05	.04	4-2.5U	-	.22	.40
2-1.25U	-	.06	.01	4-14U	-	.34	.40
2-2.5U	-	.13	.26	4-19U	-	.22	.29
2-5U	-	.17	.26	4-32U	-	.19	.23
2-32U	-	.14	.17	4-38U	-	.18	.21
2-38U	-	.22	.26	4-60U	-	.19	.21
2-44U	-	.08	.09	4-70U	-	.05	.06
2-70U	-	.08	.09	4-90U	-	.01	.01
2-80U	-	.04	.04	4-95U	-	.06	.08
2-95U	-	.08	.06	4-100C	-	.14	.14
2-100C	-	.09	.06	4-2.5L	-	.12	.23
2-1.25L	-	.16	.29	4-5L	-	.01	.12
2-2.5L	-	.03	.13	4-8L	-	.01	.08
2-5L	-	.08	.01	4-14L	-	.12	.05
2-14L	-	.10	.04	4-19L	-	.12	.06
2-32L	-	.12	.08	4-32L	-	.09	.05
2-38L	-	.13	.09	4-38L	-	.14	.12
2-44L	-	.13	1.21	4-44L	-	.13	.10
2-70L	-	.04	.01	4-60L	-	.10	.08
2-95L	-	.05	.04	4-80L	-	.01	.01

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
1-OC	.45	.47	.47	3-1.25U	-	.83	1.07
1-1.25U	.27	.26	.24	3-8U	-	.47	.54
1-2.5U	.18	.17	.15	3-14U	-	.40	.45
1-5U	.06	.07	.04	3-19U	-	.36	.41
1-8U	-	.01	-	3-32U	-	.27	.29
1-14U	-	.06	.07	3-60U	-	.16	.16
1-19U	-	.14	.14	3-70U	-	.10	.07
1-32U	-	.17	.17	3-95U	-	.05	.04
4-70U	.16	.16	.18	3-1.25L	-	.55	.58
1-80U	-	.09	.09	3-2.5L	-	.39	.45
3-20U	.05	.05	.07	3-5L	-	.23	.28
1-95U	.01	.01	0	3-8L	-	.18	.22
1-2.5L	-	.18	.16	3-14L	-	.09	.13
1-5L	-	.14	.13	3-32L	-	0	.03
1-14L	-	.04	.42	3-38L	-	.04	.01
1-19L	-	.03	.01	3-60L	-	.06	.05
1-32L	-	.03	.04	3-80L	-	.01	0
1-38L	-	.03	.13	3-95L	-	.06	.05
1-60L	-	.05	.03	4-0C	-	.09	.47
1-70L	-	.04	.03	4-1.25U	-	.92	1.13
1-80L	-	.01	.01	4-2.5U	-	.79	.86
2-1.25U	-	.18	.26	4-14U	-	.52	.55
2-2.5U	-	.42	.43	4-19U	-	.39	.42
2-5U	-	.35	.38	4-32U	-	.30	.32
2-32U	-	.22	.24	4-38U	-	.27	.29
4-38U	.27	.29	.34	4-60U	-	.22	.22
2-14U	-	.13	.14	4-70U	-	.10	.11
2-70U	-	.10	.13	4-90U	-	.01	.03
2-80U	-	.05	.07	4-95U	-	.08	.08
2-95U	-	.04	.04	4-100C	-	.12	.09
2-100C	-	.04	.03	4-2.5L	-	.43	.49
2-1.25L	.31	.30	.26	4-5L	-	.27	.33
2-2.5L	.25	.25	.23	4-8L	-	.21	.25
2-5L	.16	.17	.18	4-14L	-	.06	.11
2-14L	-	.06	.11	4-19L	-	.04	.08
2-32L	-	0	.03	4-32L	-	.01	.05
2-38L	-	.03	0	4-38L	-	.04	.01
2-44L	-	.03	0	4-44L	-	.04	.01
2-70U	-	.04	.04	4-60L	-	.04	.03
2-95L	-	.04	.04	4-80L	-	.01	.01

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TABLE 7.- CONTINUED
(b) - Continued

ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$	ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$
1-OC	.52	.66	3-1.25U	- 1.21	.97
1-1.25U	.20	.21	3-8U	- .58	.68
1-2.5U	.11	.10	3-14U	- .46	.60
1-5U	.01	0	3-19U	- .42	.41
1-8U	-.07	.07	3-32U	- .31	.31
1-14J	-.10	.12	3-60U	- .17	.19
1-19U	-.18	.19	3-70U	- .08	.10
3-32U	-.21	.21	3-95U	- .01	.03
3-70U	-.17	.19	3-1.25I	- .37	.44
1-80U	-.11	.12	3-2.5L	- .35	.34
3-90U	-.07	.07	3-5L	- .27	.21
1-95U	.01	.01	3-8L	- .24	.16
1-2.5L	-.10	.18	3-14L	- .17	.09
1-5L	-.08	.18	3-32L	- .06	0
1-14L	0	.07	3-38L	- .03	.01
1-19L	.01	.06	3-60L	- .01	.04
1-32L	.06	0	3-80L	- 0	0
1-38L	0	.06	3-95L	- .03	.04
1-60L	-.03	.07	4-OC	- .86	.19
1-70L	-.01	.06	1-1.25U	- 1.34	.93
1-80L	0	.03	4-2.5U	- 1.04	.76
2-1.25U	-.42	.47	4-14U	- .61	.54
2-2.5U	-.52	.46	4-19U	- .46	.41
2-5U	-.44	.41	4-32U	- .35	.32
2-32U	-.28	.26	4-38U	- .32	.34
2-38U	-.34	.32	4-60U	- .23	.25
2-44U	-.20	.22	4-70U	- .08	.10
2-70U	-.15	.15	4-90U	- 0	.01
2-80U	-.08	.09	4-95U	- .06	.04
2-95U	.01	.03	4-100C	- .08	.09
2-100C	0	.03	4-2.5L	- .51	.34
2-1.25L	.30	.29	4-5L	- .37	.21
2-2.5L	.27	.21	4-8L	- .27	.15
2-5L	.21	.13	4-14L	- .13	.01
2-14L	.15	.07	4-19L	- .10	0
2-32L	.07	0	4-32L	- .06	0
2-38L	.06	0	4-38L	- .01	.06
2-44L	0	.01	4-44L	- .01	.04
2-70L	.06	.04	4-60L	- .03	.04
2-95L	.04	.04	4-80L	- 0	0

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = 2$	$\alpha = 0$	$\alpha = 0$	$\alpha = 2$
4-9OL	.04	.04	.04	6-8L	-	.25	.14	.04
4-95L	.08	.08	.08	6-14L	-	.26	.18	.12
5-0C	.54	.66	.68	6-19L	-	.24	.17	.12
5-1.25U	.32	.13	-	6-38L	-	.22	.18	.14
5-8U	.03	.06	-	6-44L	-	.21	.18	.16
5-14U	-	.04	.12	6-60L	-	.17	.16	.13
5-19U	-	.09	.16	6-70L	-	.07	.05	.04
5-38U	-	.09	.13	7-0C	-	.66	.70	.64
5-44U	-	.07	.10	7-5U	-	.01	.12	.23
5-60U	-	.11	.13	7-8U	-	.01	.10	.19
5-70U	-	.04	.05	7-14U	-	.07	.13	.19
5-80U	-	.04	.04	7-19U	-	.08	.14	.19
5-90U	-	.03	.01	7-38U	-	.13	.16	.19
5-95U	-	.04	.04	7-60U	-	.09	.12	.13
5-1.25L	-	.33	.09	7-90U	-	0	.01	.01
5-2.5L	-	.33	.13	7-95U	-	.06	.06	.08
5-5L	-	.36	.21	7-1.25L	-	.24	.01	.19
5-8L	-	.28	.17	7-2.5L	-	.24	.12	.04
5-14L	-	.25	.17	7-5L	-	.32	.18	.05
5-19L	-	.26	.21	7-8L	-	.29	.17	.09
5-38L	-	.24	.19	7-14L	-	.24	.16	.12
5-44L	-	.20	.17	7-19L	-	.25	.18	.13
5-60L	-	.20	.17	7-32L	-	.21	.17	.13
5-70L	-	.07	.04	7-44L	-	.18	.14	.13
5-90L	-	.04	.04	7-60L	-	.14	.13	.10
5-95L	-	.09	.09	7-70L	-	.09	.08	.06
6-0C	.53	.65	.66	7-90L	-	.05	.05	.04
6-5U	.04	.09	-	7-95L	-	.11	.10	.09
6-14U	-	.07	.13	8-0C	-	.66	.69	.62
6-19U	-	.03	.03	8-1.25U	-	.24	.04	.16
6-32U	-	.22	.17	8-2.5U	-	.07	.09	.26
6-44U	-	.17	.14	8-5U	-	.01	.12	.22
6-60U	-	.09	.12	8-8U	-	.03	.13	.21
6-70U	-	.11	.12	8-14U	-	.08	.13	.19
6-80U	-	.03	.04	8-19U	-	.09	.14	.19
6-90U	-	.03	.01	8-60U	-	.04	.03	.04
6-100C	-	.03	.01	8-80U	-	.03	.03	.03
6-1.25L	-	.16	.14	8-90U	-	.03	.03	.03
6-2.5L	-	.26	0	8-95U	-	.11	.09	.09
6-5L	-	.36	.17	8-100C	-	.17	.17	.17

TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
4-90L	.04	.04	.04	6-8L	.03	.13	.19
4-95L	.08	.06	.06	6-14L	-	.04	.08
5-0C	.61	.43	.17	6-19L	-	.06	0
5-1.25U	-	.30	.56	6-38L	-	.10	.05
5-8U	-	.26	.32	6-44L	-	.11	.06
5-14U	-	.23	.30	6-60L	-	.10	.08
5-19U	-	.26	.32	6-70L	-	.03	.01
5-38U	-	.19	.23	7-0C	-	.41	.17
5-44U	-	.16	.19	7-5U	-	.29	.48
5-60U	-	.16	.17	7-8U	-	.27	.36
5-70U	-	.09	.10	7-14U	-	.25	.31
5-80U	-	.05	.05	7-19U	-	.23	.29
5-90U	.01	.01	.01	7-38U	-	.22	.26
5-95U	.05	.05	.05	7-60U	-	.14	.16
5-1.25L	.27	.42	.52	7-90U	-	.01	.01
5-2.5L	.16	.29	.39	7-95U	-	.08	.08
5-5L	.01	.11	.21	7-1.25L	-	.34	.47
5-8L	-	.01	.10	7-2.5L	-	.18	.30
5-14L	-	.04	.03	7-5L	-	.05	.17
5-19L	-	.09	.04	7-8L	-	0	.09
5-38L	-	.13	.09	7-14L	-	.05	.03
5-44L	-	.12	.09	7-19L	-	.09	.03
5-60L	-	.13	.12	7-32L	-	.10	.06
5-70L	-	.01	0	7-44L	-	.10	.08
5-90L	.05	.05	.05	7-60L	-	.09	.08
5-95L	.08	.08	.08	7-70L	-	.06	.05
6-0C	.60	.39	.09	7-90L	-	.05	.05
6-5U	.35	.47	.60	7-95L	-	.09	.09
6-14U	.27	.32	.40	8-0C	-	.45	.16
6-19U	.01	.01	0	8-1.25U	-	.38	.64
6-32U	.14	.19	.22	8-2.5U	-	.43	.64
6-44U	.16	.14	.19	8-5U	-	.34	.44
6-60U	.16	.16	.17	8-8U	-	.30	.38
6-70U	.13	.13	.14	8-14U	-	.23	.30
6-80U	.05	.05	.05	8-19U	-	.22	.27
6-90U	-	0	0	8-60U	-	.04	.05
6-100C	.14	.11	.13	8-80U	-	.03	.03
6-1.25L	.34	.45	.56	8-90U	-	.04	.04
6-2.5L	.13	.26	.36	8-95U	-	.08	.06
6-5L	.03	.16	.25	8-100C	-	.16	.14

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
4-90L	.05	.04	.04	6-8L	.25	.30	.36
4-95L	.05	.07	.07	6-14L	.13	.17	.36
5-OC	-	.19	.61	6-19L	.09	.13	.17
5-1.25U	-	1.12	1.46	6-38L	-	.03	0
5-8U	-	.51	.59	6-44L	-	.04	.03
5-14U	-	.43	.49	6-60L	-	.06	0
5-19U	-	.42	.47	6-70L	.01	1.95	.04
5-38U	-	.29	.30	7-OC	-	.71	0
5-44U	-	.23	.25	7-5U	-	.73	.84
5-60U	-	.19	.20	7-8U	-	.56	.64
5-70U	-	.13	.13	7-14U	-	.43	.49
5-80U	-	.06	.07	7-19U	-	.39	.43
5-90U	.01	.01	.03	7-38U	-	.30	.32
5-95U	.05	.05	.05	7-60U	-	.17	.18
5-1.25L	.58	.63	.65	7-90U	-	.03	.03
5-2.5L	.47	.53	.57	7-95U	-	.08	.08
5-5L	.29	.36	.41	7-1.25L	-	.61	.64
5-8L	.22	.26	.32	7-2.5L	-	.47	.53
5-14L	.13	.17	.23	7-5L	-	.32	.38
5-19L	.06	.11	.15	7-8L	-	.23	.28
5-38L	-	.03	0	7-14L	-	.12	.17
5-44L	-	.03	0	7-19L	-	.08	.11
5-60L	-	.08	.07	7-32L	-	0	.03
5-70L	.01	.03	.04	7-44L	-	.02	.01
5-90L	.05	.05	.05	7-60L	-	.05	.04
5-95L	.08	.08	.08	7-70L	-	.03	.01
6-OC	-	.29	.71	7-90L	-	.05	.05
6-5U	-	.73	.84	1.25	-	.05	.04
6-14U	-	.45	.51	7-95L	-	.08	.08
6-19U	-	0	0	8-OC	-	.71	1.20
6-32U	-	.25	.26	8-1.25U	-	1.12	1.36
6-44U	-	.21	.22	8-2.5U	-	.96	1.13
6-60U	-	.18	.20	8-5U	-	.68	.79
6-70U	-	.14	.14	8-8U	-	.55	.63
6-80U	-	.05	.07	8-14U	-	.42	.46
6-90U	.03	.03	.04	8-19U	-	.36	.41
6-100C	.12	.12	.11	8-60U	-	.05	.07
6-1.25L	.61	.64	.67	8-80U	-	.03	.03
6-2.5L	.44	.50	.56	8-90U	-	.04	.04
6-5L	.32	.38	.44	8-95U	-	.05	.04
				8-100C	-	.13	.13

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~~CONFIDENTIAL~~TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 16$	$\alpha = 18$	ORIFICE	$\alpha = 16$	$\alpha = 18$
4-90L	.03	.03	6-8L	.30	.12
4-95L	.04	.04	6-14L	.15	.01
5-0C	.80	.06	6-19L	.11	.01
5-1.25U	1.56	.99	6-38L	-	.09
5-8U	.65	.51	6-44L	-	.10
5-14U	.54	.46	6-60L	-	.10
5-19U	.51	.46	6-70L	-	.03
5-38U	.34	.32	7-0C	-	.81
5-44U	.28	.28	7-5U	-	.79
5-60U	.21	.24	7-8U	-	.63
5-70U	.14	.16	7-14U	-	.50
5-80U	.07	.10	7-19U	-	.46
5-90U	0	.03	7-38U	-	.35
5-95U	.04	0	7-60U	-	.22
5-1.25L	.62	.43	7-90U	-	.04
5-2.5L	.52	.31	7-95U	.06	0
5-5L	.37	.16	7-1.25L	.65	.41
5-8L	.27	.12	7-2.5L	.54	.32
5-14L	.15	.03	7-5L	.38	.18
5-19L	.10	.01	7-8L	.27	.10
5-38L	.01	.07	7-14L	.15	.01
5-44L	.01	.06	7-19L	.08	.01
5-60L	.07	.10	7-32L	-	.07
5-70L	.01	.01	7-44L	-	.09
5-90L	.04	.01	7-60L	-	.10
5-95L	.06	.04	7-70L	-	.10
6-0C	.85	.26	7-90L	.01	.01
6-5U	.93	.74	7-95L	.06	.01
6-14U	.56	.53	8-0C	-	1.06
6-19U	0	.01	8-1.25U	-	1.28
6-32U	.37	.38	8-2.5U	-	1.10
6-44U	.28	.32	8-5U	-	.81
6-60U	.21	.24	8-8U	-	.68
6-70U	.17	.19	8-14U	-	.51
6-80U	.07	.10	8-19U	-	.47
6-90U	.03	.01	8-60U	-	.12
6-100C	.08	.06	8-80U	-	.10
6-1.25L	.65	.43	8-90U	.01	.04
6-2.5L	.51	.26	8-95U	.06	.99
6-5L	.38	.16	8-100C	.10	.04

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
8-1.25L	- .22	- 0	.18	11-32U	- .09	- .08	- .09
8-2.5L	- .25	- .07	.08	12-32U	- .09	- .05	- .07
8-5L	- .26	- .14	- .04	TIP-32C	- .08	- .05	- .07
8-8L	- .26	- .16	- .07	11-32L	- .09	- .08	- .07
8-14L	- .21	- .16	- .09	10-32L	- .12	- .11	- .09
8-19L	- .21	- .16	- .11	10-70U	- .07	- .05	- .04
8-32L	- .17	- .14	- .12	11-70U	- .07	- .04	- .03
8-38L	- .16	- .14	- .12	12-70U	- .07	- .01	- .03
8-44L	- .16	- .14	- .12	TIP-70C	- .03	- .01	- .01
8-60L	- .07	- .07	- .05	12-70L	- .05	- .01	- .04
8-95L	.11	.11	.11	11-70L	.01	.01	.03
9-0C	.62	.68	.67	10-70L	.03	.03	.04
9-1.25U	.24	.07	.13	FIN-1	.01	.01	.01
9-2.5U	.08	.07	.22	FIN-2	0	.01	.01
9-5U	- .01	- .12	- .22	FIN-3	.01	0	.01
9-14U	- .11	- .16	- .21	FIN-4	.05	.07	.07
9-19U	- .12	- .16	- .20	FIN-5	0	0	.01
9-32U	- .13	- .16	- .17	FIN-6	0	0	.01
9-44U	- .09	- .11	- .11	FIN-7	.17	.16	.14
9-70U	- .03	- .01	0	FIN-8	.05	.05	.05
9-80U	.01	.01	.01	FIN-9	.08	.08	.08
9-100C	.16	.16	.16	FIN-10	.05	.05	.05
9-1.25L	.22	.01	.14	FIN-11	.05	.07	.07
9-5L	.21	.12	.01	FIN-12	.04	.04	.04
9-8L	.25	.16	.08	FIN-13	.07	.05	.05
9-14L	.21	.16	- .11	FIN-14	.14	.14	.14
9-19L	.18	.14	.11	FIN-15	.05	.07	.07
9-32L	.18	.17	.14	FIN-16	.04	.04	.04
9-38L	.14	.12	- .11	FIN-17	.01	.01	0
9-44L	.09	.08	.07	FIN-18	.01	.01	.01
9-70L	.03	.04	.04	FIN-19	.05	.04	.05
9-90L	.08	.07	.07	FIN-20	.03	.12	.03
9-95L	.12	.12	.20	FIN-21	.11	.12	.12
2S-60U	.12	.13	.14	FIN-22	.05	.07	.05
2S-60L	.11	.11	.09	FIN-23	.04	.05	.04
5S-60U	.07	.07	.05	FIN-24	.03	.01	0
5S-60L	.11	.11	.09	FIN-25	.17	.18	.18
8S-60U	.11	.11	.12	FIN-26	.12	.12	.12
8S-60L	.11	.09	.08	FIN-27	.07	.07	.07
10-32U	.01	.01	.01	FIN-28	.07	.07	.05

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
8-1.25L	.32	.45	.53	11-32U	-	.12	.13
8-2.5L	.20	.32	.42	12-32U	-	.09	.14
8-5L	.07	.16	.25	TIP-32C	-	.11	.17
8-8L	- 0	.08	.14	11-32L	-	.07	.07
8-14L	- .03	.03	.06	10-32L	-	.08	.07
8-19L	- .07	- 0	.04	10-70U	-	.04	.05
8-32L	- .08	.05	.01	11-70U	-	.04	.06
8-38L	- .09	-	.07	12-70U	-	.05	.09
8-44L	- .11	-	.08	0.6 TIP-70C	-	0	.01
8-60L	- .05	-	.05	12-70L	-	.09	.18
8-95L	.09	.09	.09	11-70L	-	.05	.08
9-0C	.58	.37	.06	10-70L	-	.05	.05
9-1.25U	- .33	- .57	.69	FIN-1	-	0	0
9-2.5U	- .38	- .55	.70	FIN-2	-	.03	.01
9-5U	- .34	- .43	.53	FIN-3	-	.03	.01
9-14U	- .28	- .29	.35	FIN-4	-	.08	.09
9-19U	- .24	- .28	.31	FIN-5	-	0	.01
9-32U	- .20	- .21	.23	FIN-6	-	0	.01
9-44U	- .12	- .13	.14	FIN-7	-	.14	.12
9-70U	- 0	.01	.01	FIN-8	-	.05	.04
9-80U	.01	.01	.01	FIN-9	-	.08	.07
9-100C	.14	.14	.12	FIN-10	-	.07	.05
9-1.25L	.28	.41	.49	FIN-11	-	.07	.07
9-5L	.11	.18	.25	FIN-12	-	.04	.04
9-8L	- .01	.07	.12	FIN-13	-	.05	.04
9-14L	- .05	- 0	.04	FIN-14	-	.13	.13
9-19L	- .07	- .03	.01	FIN-15	-	.05	.05
9-32L	- .12	- .11	.08	FIN-16	-	.03	.03
9-38L	- .09	- .08	.06	FIN-17	-	0	0
9-44L	- .05	- .04	.03	FIN-18	-	.01	.01
9-70L	- .04	- .04	.04	FIN-19	-	.05	.05
9-90L	.07	.07	.05	FIN-20	-	.03	.03
9-95L	.13	.13	.12	FIN-21	-	.12	.11
2S-60U	- .14	- .14	.16	FIN-22	-	.05	.07
2S-60L	- .08	- .08	.06	FIN-23	-	.04	.04
5S-60U	- .05	- .05	.04	FIN-24	-	0	.01
5S-60L	- .08	- .07	.05	FIN-25	-	.18	.18
8S-60U	- .13	- .13	.13	FIN-26	-	.12	.12
8S-60L	- .08	- .05	.05	FIN-27	-	.08	.08
10-32U	- 0	.01	.01	FIN-28	-	.07	.07

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TABLE 7. - CONTINUED
(b) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
8-1.25L	.59	.63	.63	11-32U	-	.21	.25
8-2.5L	.49	.53	.57	12-32U	-	.32	.40
8-5L	.32	.37	.44	TIP-32C	-	.36	.45
8-8L	.21	.27	.31	11-32L	-	.11	.12
8-14L	.12	.03	.20	10-32L	-	.07	.07
8-19L	.08	.11	.15	10-70U	-	.07	.08
8-32L	0	.01	.04	11-70U	-	.30	.41
8-38L	-	.01	0	12-70U	-	.21	.27
8-44L	-	.05	.03	TIP-70C	-	.03	.03
8-60L	-	.04	.04	12-70L	-	.46	.59
8-95L	.08	.08	.08	11-70L	-	.14	.19
9-0C	-	.29	.69	1.19	10-70L	-	.08
9-1.25U	-	.91	1.12	1.36	FIN-1	-	.01
9-2.5U	-	.87	1.03	1.19	FIN-2	-	.03
9-5U	-	.64	.75	.85	FIN-3	-	.03
9-14U	-	.39	.44	.48	FIN-4	-	.01
9-19U	-	.34	.39	.40	FIN-5	-	.12
9-32U	-	.25	.27	.28	FIN-6	-	.03
9-44U	-	.16	.17	.16	FIN-7	-	.07
9-70U	-	0	.01	.01	FIN-8	-	.01
9-80U	-	0	0	.01	FIN-9	-	.01
9-100C	-	.12	.11	.09	FIN-10	-	.05
9-1.25L	-	.55	.60	.61	FIN-11	-	.07
9-5L	-	.30	.35	.40	FIN-12	-	.04
9-8L	-	.18	.20	.27	FIN-13	-	.01
9-14L	-	.08	.12	.15	FIN-14	-	.09
9-19L	-	.04	.03	.08	FIN-15	-	.03
9-32L	-	.07	.05	.03	FIN-16	-	0
9-38L	-	.05	.04	.03	FIN-17	-	.01
9-44L	-	.01	.01	0	FIN-18	-	0
9-70L	-	.05	.05	.05	FIN-19	-	.05
9-90L	-	.05	.04	.04	FIN-20	-	.01
9-95L	-	.12	.12	.12	FIN-21	-	.11
2S-60U	-	.16	.15	.15	FIN-22	-	.05
2S-60L	-	.05	.05	.04	FIN-23	-	.04
5S-60U	-	.04	.04	.03	FIN-24	-	.03
5S-60L	-	.05	.04	.03	FIN-25	-	.17
8S-60U	-	.14	.13	.13	FIN-26	-	.12
8S-60L	-	.04	.04	.03	FIN-27	-	.07
10-32U	-	.03	.03	.04	FIN-28	-	.05

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TABLE 7. - CONTINUED
(b) - Concluded

ORIFICE	$\alpha = .16$	$\alpha = .18$	ORIFICE	$\alpha = .16$	$\alpha = .18$
8-1.25L	.63	.41	11-32U	-	.39
8-2.5L	.55	.34	12-32U	-	.55
8-5L	.38	.19	TIP-32C	-	.61
8-8L	.27	.10	11-32L	-	.15
8-14L	.15	.03	10-32L	-	.08
8-19L	.10	.01	10-70U	-	.14
8-32L	0	.07	11-70U	-	.45
8-38L	-	.03	12-70U	-	.37
8-44L	-	.06	TIP-70C	-	.03
8-60L	-	.06	12-70L	-	.68
8-95L	.06	0	11-70L	-	.21
9-0C	-	1.03	10-70L	-	.11
9-1.25U	-	1.35	FIN-1	-	.03
9-2.5U	-	1.20	FIN-2	-	.04
9-5U	-	.87	FIN-3	-	0
9-14U	-	.51	FIN-4	-	.15
9-19U	-	.44	FIN-5	-	.06
9-32U	-	.31	FIN-6	-	.06
9-44U	-	.21	FIN-7	-	.03
9-70U	-	.06	FIN-8	-	0
9-80U	-	.03	FIN-9	-	.03
9-100C	.07	0	FIN-10	-	.07
9-1.25L	.62	.41	FIN-11	-	.08
9-5L	.38	.22	FIN-12	-	.06
9-8L	.23	.10	FIN-13	-	.03
9-14L	.14	0	FIN-14	-	.10
9-19L	.06	.04	FIN-15	-	.03
9-32L	.07	.07	FIN-16	-	0
9-38L	.06	.10	FIN-17	-	0
9-44L	-	.04	FIN-18	-	.01
9-70L	-	.08	FIN-19	-	.06
9-90L	.01	.04	FIN-20	-	.03
9-95L	.08	0	FIN-21	-	.11
2S-60U	-	.17	FIN-22	-	.07
2S-60L	-	.06	FIN-23	-	.06
5S-60U	-	.06	FIN-24	-	.03
5S-60L	-	.06	FIN-25	-	.17
8S-60U	-	.15	FIN-26	-	.13
8S-60L	-	.06	FIN-27	-	.07
10-32U	.03	.03	FIN-28	-	.07

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TABLE 7. - CONTINUED
(c) δ_e , - 16° .

ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = 2$
1-OC	.34	.34	.36	3-1.25U	.45	.29	.13
1-1.25U	.51	.43	.34	3-8U	.09	0	.08
1-2.5U	.39	.33	.25	3-14U	.01	.05	.12
1-5U	.26	.22	.17	3-19U	-	.03	.08
1-8U	.18	.14	.10	3-32U	-	.04	.08
1-14J	.13	.09	.05	3-60U	-	.05	.07
1-19U	.07	.04	0	3-70U	.01	.01	.04
1-32U	.04	0	.03	3-95U	.05	.05	.05
1-70J	.12	.12	.12	3-1.25L	.45	.15	.01
1-80U	-	.03	.03	3-2.5L	.46	.28	.10
1-100U	-	.01	.01	3-5L	.45	.32	.17
1-95U	.07	.07	.06	3-8L	.33	.22	.13
1-2.5L	-	.47	.33	3-14L	.29	.21	.14
1-5L	-	.42	.30	3-32L	.22	.18	.14
1-14L	-	.28	.20	3-38L	.25	.21	.17
1-19L	-	.26	.20	3-60L	.18	.17	.14
1-32L	-	.17	.13	3-85L	.04	.04	.04
1-38L	-	.21	.17	3-95L	.09	.09	.08
1-60L	-	.17	.14	4-00	.37	.54	.68
1-70L	-	.12	.12	4-1.25U	.41	.26	.09
1-80L	-	.07	.05	4-2.5L	.29	.14	0
2-1.25U	-	.01	.09	4-14U	.03	.09	.19
2-2.5U	.32	.18	.06	4-19U	.04	.09	.14
2-5U	.18	.08	.01	4-32U	.07	.11	.14
2-32U	0	-	.07	4-38U	.11	.11	.13
2-50U	.11	.14	.17	4-60U	.13	.14	.17
2-14U	-	.07	.05	4-70U	.03	.01	.01
2-70U	.01	-	.01	4-90U	.04	.03	.03
2-30U	-	0	-	4-95U	.08	.08	.08
2-95U	.08	-	.08	4-100C	.16	.16	.16
2-100C	.12	-	.12	4-2.5L	.42	.22	.06
2-1.25L	-	.51	.28	4-5L	.37	.24	.13
2-2.5L	-	.49	.32	4-8L	.28	.18	.09
2-5L	-	.47	.34	4-14L	.36	.28	.21
2-14L	-	.29	.24	4-19L	.32	.25	.19
2-32L	-	.24	.20	4-32L	.22	.17	.13
2-38L	-	.24	.21	4-38L	.26	.22	.18
2-47	.22	.20	.16	4-44L	.22	.18	.16
2-49	.08	.07	.05	4-60L	.16	.14	.12
2-55L	.08	.08	.08	4-80L	.03	.05	.01

TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
1-OC	.38	.39	.39	3-1.25U	-	.06	.29
1-1.25U	.30	.29	.29	3-8U	-	.17	.27
1-2.5U	.21	.19	.18	3-14U	-	.18	.25
1-5U	.13	.10	.09	3-19U	-	.19	.25
1-8U	.06	.04	.01	3-32U	-	.16	.19
1-14J	.03	0	.03	3-60U	-	.10	.12
1-19U	-	.04	.08	3-70U	-	.06	.08
1-32U	-	.06	.09	3-95U	-	.06	.06
1-70U	.13	.14	.16	3-1.25L	-	.18	.32
1-80U	-	.05	.06	3-2.5L	-	.04	.17
1-90U	-	.01	.03	3-5L	-	.08	.03
1-95U	.05	.04	.03	3-8L	-	.06	.01
1-2.5L	-	.17	.17	3-14L	-	.10	.04
1-5L	-	.17	.14	3-32L	-	.12	.08
1-14L	-	.10	.08	3-38L	-	.16	.10
1-19L	-	.10	.08	3-60L	-	.13	.10
1-32L	-	.06	.03	3-80L	-	.03	.03
1-38L	-	.10	.08	3-95L	-	.08	.12
1-60L	-	.10	.08	4-0C	-	.68	.52
1-70L	-	.08	.06	4-1.25U	-	.10	.34
1-80L	-	.04	.03	4-2.5U	-	.16	.32
2-1.25U	.10	.05	.05	4-14U	-	.30	.36
2-2.5U	-	.06	.21	4-19U	-	.19	.26
2-5U	-	.12	.22	4-32U	-	.17	.21
2-32U	-	.10	.13	4-38U	-	.17	.19
2-38U	-	.19	.20	4-60U	-	.18	.19
2-44U	-	.06	.08	4-70U	-	.04	.06
2-70U	-	.05	.06	4-90U	-	.03	.03
2-80U	-	.01	.03	4-95U	-	.08	.08
2-95U	.08	.08	.05	4-100C	-	.16	.14
2-100C	.10	.09	.05	4-2.5L	-	.08	.21
2-1.25L	-	.10	.26	4-5L	-	.01	.09
2-2.5L	-	.01	.12	4-8L	-	.01	.06
2-5L	-	.10	0	4-14L	-	.13	.06
2-14L	-	.12	.05	4-19L	-	.13	.06
2-32L	-	.12	.08	4-32L	-	.09	.05
2-38L	-	.13	.09	4-38L	-	.16	.10
2-44L	-	.13	.05	4-44L	-	.13	.09
2-70L	.03	0	.01	4-60L	-	.10	.08
2-95L	.06	.05	.04	4-80L	-	.01	0

TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
1-OC	.45	.45	.49	3-1.25U	-	.74	1.03
1-1.25U	.30	.28	.27	3-8U	-	.43	.53
1-2.5U	.20	.17	.16	3-14U	-	.36	.43
1-5U	.09	.08	.07	3-19U	-	.34	.39
1-8U	.01	-	.01	3-32U	-	.25	.28
1-14J	-	.03	.05	3-60U	-	.14	.15
1-19U	-	.11	.13	3-70U	-	.09	.07
1-32U	-	.13	.16	3-95U	.07	.04	.03
1-70U	-	.14	.16	3-1.25L	.53	.57	.47
1-80U	-	.08	.09	3-2.5L	.37	.43	.41
1-90U	-	.04	.05	3-5L	.21	.27	.28
1-95U	.04	.01	.03	3-8L	.16	.21	.23
1-2.5L	-	.18	.19	3-14L	.08	.12	.15
1-5L	-	.14	.15	3-32L	0	.01	.04
1-14L	-	.04	.04	3-38L	.04	.03	.01
1-19L	-	.03	.03	3-60L	.07	.05	.03
1-32L	.01	.03	.04	3-80L	0	.01	0
1-38L	-	.03	.01	3-95L	.07	.04	.03
1-60L	-	.05	.04	4-OC	.01	.43	.81
1-70L	-	.03	.03	1-1.25U	.83	1.11	1.30
1-80L	-	.01	.01	1-2.5U	.72	.84	1.00
2-1.25U	-	.13	.24	4-14U	-	.49	.56
2-2.5U	-	.37	.41	4-19U	-	.36	.43
2-5U	-	.32	.36	4-32U	-	.28	.32
2-32U	-	.20	.23	4-38U	-	.25	.29
2-50U	-	.24	.28	4-60U	-	.21	.23
2-14U	-	.11	.15	4-70U	-	.09	.11
2-70U	-	.08	.12	4-90U	.03	.01	.01
2-80U	-	.04	.07	4-95U	.08	.07	.07
2-95U	.05	.03	.03	4-100C	.13	.11	.09
2-100C	.04	.03	.01	4-2.5L	.41	.47	.51
2-1.25L	.32	.29	.24	4-5L	.25	.32	.38
2-2.5L	.22	.23	.24	4-8L	.20	.24	.30
2-5L	.13	.16	.16	4-14L	.05	.09	.14
2-14L	.07	.09	.11	4-19L	.03	.07	.11
2-32L	0	.01	.04	4-32L	.01	.03	.05
2-38L	-	.03	.03	4-38L	.05	.03	.01
2-44L	-	.03	.01	4-44L	.04	.03	.01
2-70L	.04	.04	.05	4-60L	.04	.04	.03
2-95L	.05	.04	.04	4-80L	.01	.01	.01

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TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$	ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$
1-OC	.50	.64	3-1.25U	- 1.11	- .84
1-1.25U	.24	.24	3-8U	- .56	- .49
1-2.5U	.14	.12	3-14U	- .44	- .42
1-5U	.03	.01	3-19U	- .40	- .39
1-8U	- .04	-.06	3-32U	- .30	- .30
1-14J	- .09	-.10	3-60U	- .16	- .19
1-19U	- .16	-.16	3-70U	- .09	- .10
3-32U	- .19	-.18	3-95U	.01	.01
4-70U	- .17	-.19	3-1.25L	.36	.42
4-80U	- .10	-.10	3-2.5L	.33	.28
4-90U	- .06	-.07	3-5L	.26	.16
1-95U	.01	.01	3-8L	.21	.12
1-12.5L	- .14	-.21	3-14L	.14	.06
1-5L	- .13	-.21	3-32L	.04	.01
1-14L	- .03	-.10	3-38L	.01	.04
1-19L	- .01	-.09	3-60L	- .03	.06
1-32L	- .04	-.01	3-85L	- .01	.01
1-38L	- .01	-.07	3-95L	.01	.03
1-60L	- .04	-.09	4-0C	- .77	.01
1-70L	- .03	-.06	4-1.25U	1.27	.78
1-80L	- .01	-.04	4-2.5U	.99	.67
2-1.25U	- .41	-.45	4-14U	- .60	.52
2-2.5U	- .44	-.40	4-19U	- .46	.40
2-5U	- .39	-.37	4-32U	- .34	.33
2-32U	- .26	-.25	4-38U	- .33	.33
2-58U	- .31	-.31	4-60U	- .23	.25
2-44U	- .20	-.21	4-70U	- .09	.12
2-70U	- .14	-.12	4-90U	- 0	.03
2-80U	- .09	-.09	4-95U	.04	.03
2-95U	- .03	-.03	4-100C	.09	.09
2-100C	- 0	-.04	4-2.5L	.49	.27
2-1.25L	.26	.25	4-5L	.34	.13
2-2.5L	.21	.01	4-8L	.26	.10
2-5L	.17	.07	4-14L	.11	.01
2-14L	.11	.03	4-19L	.07	.03
2-32L	.06	-.01	4-32L	.04	.03
2-38L	.03	-.03	4-38L	- .03	.07
2-44L	.01	-.04	4-44L	- .03	.06
2-49L	.04	-.03	4-60L	- .04	.06
2-95L	.03	-.04	4-80L	- 0	.01

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TABLE 7.- CONTINUED
(c)- Continued

ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$	ORIFICE	$\alpha = -2$	$\alpha = 0$	$\alpha = 2$
4-90L	.04	.04	.04	6-8L	-	.26	-
4-95L	.09	.08	.08	6-14L	-	.28	-
5-0C	.49	.64	.69	6-19L	-	.24	-
5-1.25U	.36	.17	-	6-38L	-	.22	-
5-8U	.05	-	.04	6-44L	-	.21	-
5-14U	-	.01	-	6-60L	-	.17	-
5-19U	-	.07	-	6-70L	-	.07	-
5-38U	-	.08	-	7-0C	-	.63	-
5-44U	-	.05	-	7-5U	-	.04	-
5-60U	-	.09	-	7-8U	-	.01	-
5-70U	-	.03	-	7-14U	-	.04	-
5-80U	-	.03	-	7-19U	-	.07	-
5-90U	-	.03	-	7-38U	-	.12	-
5-95U	-	.05	-	7-60U	-	.09	-
5-1.25L	-	.38	-	7-90U	-	.01	-
5-2.5L	-	.37	-	7-95U	-	.08	-
5-5L	-	.38	-	7-1.25L	-	.26	-
5-8L	-	.29	-	7-2.5L	-	.34	-
5-14L	-	.25	-	7-5L	-	.34	-
5-19L	-	.28	-	7-8L	-	.29	-
5-38L	-	.24	-	7-14L	-	.25	-
5-44L	-	.21	-	7-19L	-	.25	-
5-60L	-	.20	-	7-32L	-	.21	-
5-70L	-	.05	-	7-44L	-	.17	-
5-90L	-	.04	-	7-60L	-	.14	-
5-95L	-	.09	-	7-70L	-	.09	-
6-0C	.47	.63	.66	7-90L	-	.05	-
6-5U	.07	-	.07	7-95L	-	.11	-
6-14U	-	.04	-	8-0C	-	.63	-
6-19U	-	.03	-	8-1.25U	-	.28	-
6-32U	-	.18	-	8-2.5U	-	.09	-
6-44U	-	.14	-	8-5U	-	.04	-
6-60U	-	.09	-	8-8U	-	.01	-
6-70U	-	.09	-	8-14U	-	.05	-
6-80U	-	.03	-	8-19U	-	.08	-
6-90U	-	.03	-	8-60U	-	.01	-
6-100C	-	.16	-	8-80U	-	.01	-
6-1.25L	-	.32	-	8-90U	-	.03	-
6-2.5L	-	.39	-	8-95U	-	.11	-
6-5L	-	.36	-	8-100C	-	.17	-

~~CONFIDENTIAL~~
TABLE 7.- CONTINUED
(c)- Continued

ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$	ORIFICE	$\alpha = 4$	$\alpha = 6$	$\alpha = 8$
4-90L	.04	.04	.04	6-8L	.03	.12	.18
4-95L	.08	.06	.08	6-14L	-	.05	.06
5-0C	.64	.49	.26	6-19L	-	.07	.01
5-1.25U	-	.24	.47	6-38L	-	.12	.09
5-8U	-	.22	.29	6-44L	-	.13	.09
5-14U	-	.22	.27	6-60L	-	.12	.09
5-19U	-	.25	.29	6-70L	.03	.01	0
5-38U	-	.18	.21	7-0C	.51	.23	.13
5-44U	-	.14	.18	7-5U	-	.32	.44
5-60U	-	.14	.16	7-8U	-	.25	.34
5-70U	-	.14	.16	7-14U	-	.22	.29
5-80U	-	.08	.09	7-19U	-	.22	.27
5-90U	-	.05	.05	7-38U	-	.21	.25
5-95U	.05	.05	.05	7-60U	-	.13	.14
5-1.25L	.25	.38	.49	7-90U	-	.01	.01
5-2.5L	.13	.26	.36	7-95U	-	.08	.08
5-5L	-	0	.10	7-1.25L	-	.32	.44
5-8L	-	0	.08	7-2.5L	-	.16	.27
5-14L	-	.05	.01	7-5L	-	.04	.14
5-19L	-	.11	.04	7-8L	-	.01	.08
5-38L	-	.13	.09	7-14L	-	.07	.01
5-44L	-	.12	.09	7-19L	-	.09	.03
5-60L	-	.13	.12	7-32L	-	.11	.06
5-70L	-	.01	0	7-44L	-	.11	.08
5-90L	-	.05	.05	7-60L	-	.09	.08
5-95L	.09	.09	.08	7-70L	-	.05	.04
6-0C	.62	.44	.18	7-90L	-	.05	.05
6-5U	-	.32	.43	7-95L	-	.09	.09
6-14U	-	.25	.30	8-0C	-	.49	.22
6-19U	-	.01	.01	8-1.25U	-	.34	.57
6-32U	-	.17	.18	8-2.5U	-	.39	.58
6-44U	-	.14	.16	8-5U	-	.32	.42
6-60U	-	.13	.14	8-8U	-	.28	.35
6-70U	-	.13	.13	8-14U	-	.22	.27
6-80U	-	.04	.05	8-19U	-	.20	.26
6-90U	-	0	0	8-60U	-	.04	.05
6-100C	.14	.14	.13	8-80U	-	.03	.03
6-1.25L	.32	.43	.53	8-90U	-	.04	.04
6-2.5L	.11	.23	.34	8-95U	-	.08	.06
6-5L	.03	.13	.23	8-100C	-	.16	.14

~~CONFIDENTIAL~~TABLE 7.- CONTINUED
(c)- Continued

ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$	ORIFICE	$\alpha = 1.0$	$\alpha = 1.2$	$\alpha = 1.4$
4-90L	.04	.05	.04	6-8L	.24	.30	.35
4-95L	.07	.07	.07	6-14L	.12	.17	.21
5-0C	.09	.53	.99	6-19L	.09	.13	.17
5-1.25U	1.03	1.38	1.56	6-38L	-	.03	.03
5-8U	.47	.57	.65	6-44L	-	.05	.03
5-14U	.41	.46	.52	6-60L	-	.07	.05
5-19U	.41	.45	.49	6-70L	-	.01	.03
5-38U	.28	.29	.31	7-0C	-	.59	1.14
5-44U	.22	.24	.25	7-5U	-	.68	.82
5-60U	.18	.18	.19	7-8U	-	.54	.62
5-70U	.12	.13	.13	7-14U	-	.42	.47
5-80U	.07	.05	.05	7-19U	-	.37	.42
5-90U	.03	.16	.03	7-38U	-	.29	.30
5-95U	.05	.05	.07	7-60U	-	.16	.17
5-1.25L	.57	.62	.65	7-90U	-	.03	.03
5-2.5L	.45	.51	.57	7-95U	-	.08	.08
5-5L	.28	.34	.40	7-1.25L	-	.61	.65
5-8L	.20	.26	.32	7-2.5L	-	.46	.53
5-14L	.12	.17	.21	7-5L	-	.30	.38
5-19L	.05	.11	.15	7-8L	-	.21	.28
5-38L	.03	0	.03	7-14L	-	.11	.17
5-44L	.03	0	.01	7-19L	-	.07	.11
5-60L	.08	.07	.05	7-32L	-	0	.03
5-70L	.01	.03	.04	7-44L	-	.03	.01
5-90L	.05	.05	.05	7-60L	-	.05	.04
5-95L	.08	.08	.08	7-70L	-	.03	.03
6-0C	.18	.64	1.15	7-90L	-	.05	.05
6-5U	.68	.82	.95	7-95L	-	.09	.08
6-14U	.43	.49	.55	8-0C	-	.61	1.13
6-19U	0	.01	.01	8-1.25U	-	1.07	1.32
6-32U	.24	.26	.29	8-2.5U	-	.92	1.11
6-44U	.20	.22	.24	8-5U	-	.64	.76
6-60U	.17	.17	.19	8-8U	-	.53	.62
6-70U	.13	.13	.13	8-14U	-	.39	.45
6-80U	.05	.04	.04	8-19U	-	.36	.39
6-90U	.03	.03	.04	8-60U	-	.07	.07
6-100C	.12	.12	.11	8-80U	-	.03	.03
6-1.25L	.59	.64	.67	8-90U	-	.04	.04
6-2.5L	.42	.50	.56	8-95U	-	.04	.04
6-5L	.30	.43	.43	8-100C	-	.14	.13

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TABLE 7.- CONTINUED
(c)- Continued

ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$	ORIFICE	$\alpha = 1.6$	$\alpha = 1.8$
4-90L	.03	.03	6-8L	.30	.10
4-95L	.04	.04	6-14L	.15	.01
5-9C	.80	—	6-19L	.11	.01
5-1.25U	1.54	.85	6-38L	—	.09
5-8U	.63	.47	6-44L	—	.09
5-14U	.51	.43	6-60L	—	.10
5-19U	.49	.43	6-70L	—	.03
5-38U	.31	.31	7-0C	1.38	.81
5-44U	.25	.25	7-5U	.92	.76
5-60U	.20	.22	7-8U	.69	.60
5-70U	.14	.15	7-14U	.52	.49
5-80U	.07	.10	7-19U	.46	.44
5-90U	.01	.03	7-38U	.34	.34
5-95U	.04	0	7-60U	.18	.22
5-1.25L	.62	.37	7-90U	.01	.04
5-2.5L	.52	.26	7-95U	.06	0
5-5L	.35	.12	7-1.25L	.63	.37
5-8L	.27	.09	7-2.5L	.54	.28
5-14L	.17	.01	7-5L	.38	.15
5-19L	.10	.03	7-8L	.27	.09
5-38L	0	.07	7-14L	.15	.01
5-44L	.01	.06	7-19L	.10	.03
5-60L	.07	.09	7-32L	.01	.07
5-70L	.01	.01	7-44L	.03	.09
5-90L	.04	.01	7-60L	.07	.10
5-95L	.07	.04	7-70L	.06	.09
6-0C	.83	.26	7-90L	.03	.03
6-5U	.90	.69	7-95L	.06	0
6-14U	.55	.49	8-0C	1.44	1.06
6-19U	0	0	8-1.25U	1.51	1.24
6-32U	.35	.37	8-2.5U	1.25	1.06
6-44U	.28	.29	8-5U	.87	.78
6-60U	.20	.22	8-8U	.70	.65
6-70U	.15	.18	8-14U	.51	.50
6-80U	.07	.10	8-19U	.45	.44
6-90U	.03	.01	8-60U	.08	.12
6-100C	.10	.04	8-80U	.04	.10
6-1.25L	.63	.37	8-90U	.01	.04
6-2.5L	.49	.22	8-95U	.06	.09
6-5L	.38	.13	8-100C	.11	.03

~~CONFIDENTIAL~~

TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = .2$	ORIFICE	$\alpha = .2$	$\alpha = 0$	$\alpha = .2$
8-1.25L	-	.26	-	.03	.13	11-32U	-
8-2.5L	-	.28	-	.11	.04	12-32U	-
8-5L	-	.28	-	.16	-	TIP-32C	-
8-8L	-	.26	-	.17	-	11-32L	-
8-14L	-	.22	-	.16	-	10-32L	-
8-19L	-	.21	-	.16	-	10-70U	-
8-32L	-	.17	-	.14	.13	11-70U	-
8-38L	-	.16	-	.14	-	12-70U	-
8-44L	-	.16	-	.14	-	TIP-70C	-
8-60L	-	.07	-	.07	-	12-70L	-
8-95L	-	.11	-	.11	.11	11-70L	-
9-0C	.58	.67	.67	.67	10-70L	-	-
9-1.25U	.26	.09	-	.08	FIN-1	-	-
9-2.5U	.11	.04	-	.18	FIN-2	-	-
9-5U	.01	-	.11	.20	FIN-3	-	-
9-14U	-	.09	.14	.20	FIN-4	-	-
9-19U	-	.11	.14	.18	FIN-5	-	-
9-32U	-	.12	.14	.17	FIN-6	-	-
9-44U	-	.08	.09	.11	FIN-7	-	-
9-70U	-	.04	.03	.01	FIN-8	-	-
9-80U	-	.01	.01	.01	FIN-9	-	-
9-100C	-	.16	.16	.16	FIN-10	-	-
9-1.25L	-	.26	.04	.12	FIN-11	-	-
9-5L	-	.25	.13	.03	FIN-12	-	-
9-8L	-	.25	.16	.09	FIN-13	-	-
9-14L	-	.21	.16	.14	FIN-14	-	-
9-19L	-	.20	.14	.12	FIN-15	-	-
9-32L	-	.18	.17	.14	FIN-16	-	-
9-38L	-	.14	.12	.11	FIN-17	-	-
9-44L	-	.09	.08	.07	FIN-18	-	-
9-70L	-	.03	.03	.03	FIN-19	-	-
9-90L	-	.08	.08	.08	FIN-20	-	-
9-95L	-	.12	.13	.13	FIN-21	-	-
2S-60U	-	.11	.12	.13	FIN-22	-	-
2S-60L	-	.11	.11	.09	FIN-23	-	-
5S-60U	-	.07	.05	.05	FIN-24	-	-
5S-60L	-	.11	.09	.09	FIN-25	-	-
8S-60U	-	.09	.09	.11	FIN-26	-	-
8S-60L	-	.09	.09	.08	FIN-27	-	-
10-32U	-	.03	.01	.01	FIN-28	-	-

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TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$a = 4$	$a = 6$	$a = 8$	ORIFICE	$a = 4$	$a = 6$	$a = 8$
8-1.25L	.29	.42	.51	11-32U	- .11	- .13	- .16
8-2.5L	.18	.30	.39	12-32U	- .09	- .14	- .21
8-5L	.05	.14	.22	TIP-32C	- .09	- .16	- .22
8-8L	- .01	.07	.13	11-32L	- .07	- .08	- .08
8-14L	- .04	.01	.05	10-32L	- .08	- .08	- .07
8-19L	- .07	- .01	.03	10-70U	- .04	- .04	- .05
8-32L	.08	.05	.03	11-70U	- .03	- .07	- .14
8-38L	- .09	- .07	- .05	12-70U	- .04	- .07	- .12
8-44L	- .11	- .08	- .07	TIP-70C	.00	.01	.01
8-60L	- .05	- .05	- .04	12-70L	- .07	- .16	- .29
8-95L	.09	.09	.09	11-70L	- .04	- .08	- .11
9-0C	.59	.53	.14	10-70L	- .04	- .05	- .07
9-1.25U	- .29	- .53	- .64	FIN-1	.00	.00	.00
9-2.5U	- .34	- .51	- .67	FIN-2	- .03	- .03	- .03
9-5U	- .30	- .42	- .50	FIN-3	.01	.07	.01
9-14U	.25	.28	.34	FIN-4	- .08	- .08	- .11
9-19U	.22	.26	.30	FIN-5	- .01	- .01	- .03
9-32U	- .18	- .21	- .22	FIN-6	.01	.01	.12
9-44U	- .12	1.28	- .14	FIN-7	- .14	- .14	- .04
9-70U	.00	.01	.01	FIN-8	- .04	- .03	- .04
9-80U	.01	.01	.01	FIN-9	- .08	- .07	- .07
9-100C	.14	.14	.13	FIN-10	- .07	- .05	- .05
9-1.25L	.26	.38	.47	FIN-11	- .07	- .07	- .07
9-5L	.09	.17	.22	FIN-12	- .04	- .04	- .04
9-8L	- .01	.05	.11	FIN-13	- .05	- .05	- .03
9-14L	- .07	- .01	.03	FIN-14	- .13	- .13	- .12
9-19L	- .08	- .04	.00	FIN-15	- .05	- .05	- .03
9-32L	- .12	- .11	- .08	FIN-16	- .04	- .03	.01
9-38L	- .09	- .08	- .07	FIN-17	.00	.01	.01
9-44L	- .05	- .04	- .03	FIN-18	- .03	- .01	.01
9-70L	- .03	- .04	- .04	FIN-19	- .05	- .05	.05
9-90L	.07	.07	.05	FIN-20	- .03	- .03	.03
9-95L	.13	.12	.13	FIN-21	- .12	- .12	.12
2S-60U	- .13	- .13	- .14	FIN-22	- .05	- .05	.05
2S-60L	- .08	- .08	- .07	FIN-23	- .03	- .04	.04
5S-60U	- .05	- .04	- .05	FIN-24	.00	.00	.01
5S-60L	- .08	- .07	- .05	FIN-25	- .18	- .20	.18
8S-60U	.12	.12	.13	FIN-26	- .13	- .13	.13
8S-60L	- .07	- .07	- .05	FIN-27	- .07	- .07	.07
10-32U	.00	.00	.01	FIN-28	- .07	- .07	.05

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TABLE 7. - CONTINUED
(c) - Continued

ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$	ORIFICE	$\alpha = 10$	$\alpha = 12$	$\alpha = 14$
8-1.25L	.58	.61	.63	11-32U	-	.20	.24
8-2.5L	.46	.52	.57	12-32U	-	.28	.37
8-5L	.30	.36	.41	TIP-32C	-	.33	.43
8-8L	.20	.25	.31	11-32L	-	.11	.13
8-14L	.12	.15	.19	10-32L	-	.07	.07
8-19L	.07	.11	.15	10-70U	-	.07	.08
8-32L	0	.01	.04	11-70U	-	.28	.39
8-38L	-	.03	0	.01	12-70U	-	.18
8-44L	-	.05	.03	-	.01	TIP-70C	.03
8-60L	-	.04	.03	-	.03	12-70L	.42
8-95L	-	.09	.08	-	.08	11-70L	.14
9-0C	-	.21	.60	-	1.11	10-70L	-
9-1.25U	-	.84	1.07	-	1.32	FIN-1	.01
9-2.5U	-	.82	.99	-	1.15	FIN-2	.03
9-5U	-	.62	.72	-	.83	FIN-3	.01
9-14U	-	.38	.43	-	.47	FIN-4	.11
9-19U	-	.33	.36	-	.40	FIN-5	.03
9-32U	-	.24	.25	-	.27	FIN-6	.03
9-44U	-	.14	.16	-	.17	FIN-7	.09
9-70U	-	0	.01	-	.01	FIN-8	.01
9-80U	.01	-	0	-	0	FIN-9	.05
9-100C	.12	.11	.23	-	-	FIN-10	.05
9-1.25L	.54	.59	.61	-	-	FIN-11	.07
9-5L	.29	.35	.40	-	-	FIN-12	.04
9-8L	.17	.21	.27	-	-	FIN-13	.01
9-14L	.07	.11	.13	-	-	FIN-14	.11
9-19L	.03	.05	.08	-	-	FIN-15	.04
9-32L	-	.07	.05	-	-	FIN-16	.01
9-38L	-	.05	.04	-	-	FIN-17	.01
9-44L	-	.03	.01	-	0	FIN-18	.01
9-70L	-	.04	.05	-	.05	FIN-19	.05
9-90L	.05	.05	.04	-	-	FIN-20	.01
9-95L	.12	.12	.12	-	-	FIN-21	.11
2S-60U	-	.14	.15	-	.15	FIN-22	.05
2S-60L	-	.05	.05	-	.04	FIN-23	.04
5S-60U	-	.04	.03	-	.03	FIN-24	.03
5S-60L	-	.04	.03	-	.03	FIN-25	.18
8S-60U	-	.13	.13	-	.12	FIN-26	.12
8S-60L	-	.04	.03	-	.07	FIN-27	.08
10-32U	-	.01	.03	-	.05	FIN-28	.07

TABLE 7. - CONCLUDED
(c) - Concluded

ORIFICE	$\alpha = 16$	$\alpha = 18$	ORIFICE	$\alpha = 16$	$\alpha = 18$
8-1.25L	.62	.37	11-32U	-	.35
8-2.5L	.55	.31	12-32U	-	.51
8-5L	.37	.19	TIP-32C	-	.56
8-8L	.25	.10	11-32L	-	.14
8-14L	.15	.03	10-32L	-	.08
8-19L	.10	0	10-70U	-	.13
8-32L	-	.06	11-70U	-	.45
8-38L	-	.03	12-70U	-	.32
8-44L	-	.06	TIP-70C	-	.03
8-60L	-	.06	12-70L	-	.65
8-95L	-	.06	11-70L	-	.21
9-OC	-	.94	10-70L	-	.11
9-1.25U	-	1.28	FIN-1	-	.03
9-2.5U	-	1.15	FIN-2	-	.04
9-5U	-	.85	FIN-3	-	0
9-14U	-	.49	FIN-4	-	.14
9-19U	-	.42	FIN-5	-	.06
9-32U	-	.30	FIN-6	-	.06
9-44U	-	.20	FIN-7	-	.04
9-70U	-	.06	FIN-8	-	.01
9-80U	-	.03	FIN-9	-	.04
9-100C	-	.07	FIN-10	-	.07
9-1.25L	-	.61	FIN-11	-	.07
9-5L	-	.37	FIN-12	-	.06
9-8L	-	.23	FIN-13	-	.01
9-14L	-	.10	FIN-14	-	.10
9-19L	-	.06	FIN-15	-	.03
9-32L	-	.07	FIN-16	-	.01
9-38L	-	.06	FIN-17	-	0
9-44L	-	.03	FIN-18	-	.01
9-70L	-	.08	FIN-19	-	.06
9-90L	-	.01	FIN-20	-	.03
9-95L	-	.08	FIN-21	-	.11
2S-60U	-	.15	FIN-22	-	.06
2S-60L	-	.06	FIN-23	-	.04
5S-60U	-	.06	FIN-24	-	.03
5S-60L	-	.04	FIN-25	-	.17
8S-60U	-	.14	FIN-26	-	.13
8S-60L	-	.04	FIN-27	-	.07
10-32U	-	.03	FIN-28	-	.07

TABLE 8. - EFFECT OF ELEVATOR DEFLECTION ON THE PRESSURE COEFFICIENTS OVER THE TAIL, CLEAN CONDITION: $\beta = 0^\circ$, (a) $\alpha = 0^\circ$.

ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$	ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$
1-OC	.27	.28	.31	3-1.25U	.36	.36	.32
1-1.25U	.49	.47	.45	3-8U	.05	.04	.03
1-2.5U	.38	.36	.34	3-14U	- 0	.03	.04
1-5U	.27	.26	.23	3-19U	- .04	.04	.07
1-8U	.19	.18	.16	3-32U	- .05	.05	.07
1-14J	.14	.14	.11	3-60U	- .05	.08	.05
1-19U	.08	.07	.04	3-70U	.01	.01	0
1-32U	.04	.04	.01	3-95U	.07	.07	.07
1-70U	- 11	- 11	- 12	3-1.25L	- .30	- .27	- .23
1-80U	- .01	- .01	- .03	3-2.5L	- .34	- .32	- .30
1-90U	- 0	- 01	- 01	3-5L	- .38	- .36	- .34
1-95U	- .07	- .07	- .07	3-8L	- .27	- .27	- .24
1-2.5L	- .38	- .38	- .34	3-14L	- .24	- .23	- .23
1-5L	- .34	- .34	- .31	3-32L	- .20	- .20	- .20
1-14L	- .23	- .23	- .22	3-38L	- .22	- .22	- .20
1-19L	- .22	- .22	- .20	3-60L	- .18	- .18	- .16
1-32L	- .14	- .14	- .14	3-80L	- .04	- .04	- .04
1-38L	- .19	- .19	- .18	3-95L	- .08	- .08	- .08
1-60L	- .15	- .15	- .15	4-0C	.53	.54	.55
1-70L	- .11	- .03	- .11	4-1.25U	.32	.31	.30
1-80L	- .05	- .05	- .05	4-2.5U	.22	.20	.18
2-1.25U	.34	.24	.30	4-14U	- .04	- .05	- .07
2-2.5U	.27	.24	.22	4-19U	- .05	- .07	- .08
2-5U	.15	.14	.11	4-32U	- .07	- .08	- .09
2-32U	.07	.03	.04	4-38U	- .11	- .11	- .11
2-38U	.09	.11	.12	4-60U	- .12	- .14	- .14
2-44U	- .04	- .04	- .05	4-70U	- .01	- .01	- .01
2-70U	.03	.03	0	4-90U	.03	.03	.03
2-80U	- 00	- .14	0	4-95U	.08	.08	.08
2-95U	.08	.05	.08	4-100C	.16	.16	.16
2-100C	.12	.12	.12	4-2.5L	.30	.28	.26
2-1.25L	- .36	.35	.31	4-5L	.28	.27	.26
2-2.5L	- .38	.36	.34	4-8L	- .22	.20	.20
2-5L	- .39	.38	.35	4-14L	.30	.30	.28
2-14L	- .26	.26	.26	4-19L	- .27	.26	.38
2-32L	- .20	.20	.20	4-32L	- .19	.19	.19
2-38L	- .22	.22	.22	4-38L	- .23	.23	.23
2-44L	.20	.20	.20	4-44L	- .20	.20	.20
2-70L	- .07	.07	.07	4-60L	- .14	.14	.14
2-95L	.08	.08	.08	4-80L	- .03	.03	.03

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TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$	ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$
1-OC	.31	.35	.36	3-1.25U	.31	.30	.27
1-1.25U	.43	.43	.41	3-8U	.01	0	.03
1-2.5U	.34	.32	.31	3-14U	.04	.07	.08
1-5U	.23	.22	.20	3-19U	.07	.08	.11
1-8U	.15	.14	.12	3-32U	.08	.09	.08
1-14U	.09	.09	.08	3-60U	.07	.07	.06
1-19U	.04	.03	.01	3-70U	.01	.03	.04
1-32U	.01	0	.03	3-95U	.05	.05	.05
1-70U	-.12	.12	.13	3-1.25L	.22	.19	.17
1-80U	-.03	.04	.05	3-2.5L	.28	.27	.25
1-90U	-.01	.03	.04	3-5L	.32	.31	.31
1-95U	-.07	.07	.07	3-8L	.24	.23	.21
1-2.5L	-.34	.34	.32	3-14L	.23	.22	.21
1-5L	-.31	.31	.29	3-32L	.19	.19	.19
1-14L	-.22	.22	.20	3-38L	.22	.20	.20
1-19L	-.20	.20	.20	3-60L	.18	.18	.17
1-32L	-.14	.01	.13	3-80L	.04	.05	.04
1-38L	-.18	.18	.17	3-95L	.08	.08	.08
1-60L	-.15	.15	.16	4-OC	.58	.59	.60
1-70L	-.12	.12	.12	4-1.25U	.27	.26	.21
1-80L	-.05	.05	.07	4-2.5U	.16	.15	.12
2-1.25U	.27	.26	.23	4-14U	.08	.09	.11
2-2.5U	.20	.19	.17	4-19U	.09	.09	.11
2-5U	.09	.08	.07	4-32U	.11	.11	.12
2-32U	-.05	.07	.01	4-38U	.12	.12	.15
2-38U	-.14	.15	.17	4-60U	.15	.15	.16
2-44U	-.07	.08	.09	4-70U	.01	0	0
2-70U	-.01	.03	.04	4-90U	.03	.03	.03
2-80U	-.01	.01	.03	4-95U	.08	.08	.07
2-95U	.08	.08	.07	4-100C	.16	.16	.16
2-100C	.12	.11	.11	4-2.5L	.24	.23	.15
2-1.25L	-.30	.27	.25	4-5L	.24	.24	.23
2-2.5L	-.34	.31	.24	4-8L	.20	.19	.17
2-5L	-.35	.34	.32	4-14L	.28	.27	.27
2-14L	-.24	.24	.24	4-19L	.24	.26	.24
2-32L	-.20	.20	.20	4-32L	.18	.19	.17
2-38L	-.20	.20	.20	4-38L	.22	.22	.21
2-44L	-.20	.19	.20	4-44L	.19	.19	.14
2-76G	-.07	.07	.07	4-60L	.14	.14	.13
2-95L	.08	.08	.05	4-80L	.03	.03	.03

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TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$	ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$
1-OC	.28	.36	.39	3-1.25U	.24	.21	.19
1-1.25U	.40	.39	.36	3-8U	.04	.05	.07
1-2.5U	.23	.28	.27	3-14U	.09	.09	.12
1-5U	.14	.17	.16	3-19U	.12	.12	.13
1-8U	.08	.09	.08	3-32U	.12	.13	.15
1-14J	.07	.05	.04	3-60U	.09	.09	.11
1-19U	- 0	- .01	- .03	3-70U	.05	.05	.07
1-32U	- .04	- .05	- .07	3-95U	.04	.05	.04
1-70U	- 1.3	- 1.5	- 1.5	3-1.25L	- 1.5	- 1.2	- 0.9
1-80U	- .05	- .07	- .08	3-2.5L	- .24	- .21	- .20
1-90U	- .04	- .04	- .08	3-5L	- .29	- .28	- .27
1-95U	.05	.04	.04	3-8L	- .21	- .20	- .20
1-2.5L	- .31	- .31	- .28	3-14L	- .21	- .20	- .20
1-5L	- .28	- .28	- .27	3-32L	- .19	- .19	- .19
1-14L	- .20	- .20	- .20	3-38L	- .20	- .20	- .20
1-19L	- .20	- .20	- .20	3-60L	- .17	- .17	- .17
1-32L	- .13	- .12	- .12	3-80L	- .05	- .04	- .05
1-38L	- .17	- .17	- .17	3-95L	.08	.08	.07
1-60L	- .15	- .16	- .16	4-0C	.60	.56	.61
1-70L	- .11	- .12	- .13	4-1.25U	.20	.19	.15
1-80L	- .07	- .05	- .08	4-2.5U	.09	.08	.05
2-1.25U	.20	.33	.24	4-14U	.12	.13	.15
2-2.5U	.15	.13	.09	4-19U	.13	.13	.16
2-5U	.04	.03	0	4-32U	.09	.13	.15
2-32U	- .09	- .11	- .11	4-38U	.16	.11	.12
2-38U	- 1.7	- 1.9	- 2.0	4-60U	.17	.17	.19
2-44U	- 1.1	- 0.4	- 0.9	4-70U	.01	.01	.03
2-70U	- .04	- .07	- .08	4-90U	.03	.03	.01
2-80U	- .04	- .04	- .05	4-95U	.07	.07	.05
2-95U	.07	.07	.05	4-100C	.15	.16	.11
2-100C	.11	.11	.09	4-2.5L	.19	.17	.19
2-1.25L	- .23	- .21	- .19	4-5L	.31	.20	.14
2-2.5L	- .28	- .27	- .24	4-8L	.17	.16	.16
2-5L	- .32	- .31	- .29	4-14L	.37	.35	.35
2-14L	- .24	- .24	- .24	4-19L	.24	.24	.23
2-32L	- .20	- .19	- .20	4-32L	.17	.17	.17
2-38L	- .20	- .20	- .20	4-38L	.21	.21	.17
2-44L	- .20	- .19	- .19	4-44L	.19	.19	.14
2-70L	- .08	- .08	- .08	4-60L	.15	.13	.13
2-95L	.07	.07	.05	4-80L	.04	.03	.03

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TABLE 8. -- CONTINUED
(a) - Continued

ORIFICE	$\delta_o = 4$	$\delta_o = 8$	$\delta_o = 12$	ORIFICE	$\delta_o = 4$	$\delta_o = 8$	$\delta_o = 12$
1-OC	.39	.40	.40	3-1.25U	.16	.15	.09
1-1.25U	.35	.35	.31	3-.8U	.08	.11	.13
1-2.5U	.25	.25	.21	3-14U	-.13	-.15	-.17
1-5U	.15	.15	.12	3-19U	-.15	-.17	-.19
1-8U	.08	.07	.05	3-32U	-.16	-.17	-.19
1-14J	.03	.01	0	3-60U	-.12	-.12	-.13
1-19U	-.04	-.05	-.07	3-70U	-.08	-.09	-.11
1-32U	-.08	-.09	-.11	3-95U	.04	.04	.03
1-70U	-.16	-.17	-.17	3-1.25L	-.08	-.07	-.03
1-80U	-.09	-.11	-.11	3-2.5L	-.19	-.17	-.15
1-90U	-.05	-.07	-.08	3-5L	-.25	-.24	-.23
1-95U	.03	.01	0	3-8L	-.19	-.19	-.17
1-2.5L	-.27	-.28	-.25	3-14L	-.20	-.19	-.19
1-5L	-.27	-.27	-.24	3-32L	-.19	-.19	-.19
1-14L	-.19	-.19	-.19	3-38L	-.20	-.20	-.20
1-19L	-.19	-.19	-.19	3-60L	-.17	-.17	-.19
1-32L	-.12	-.12	-.12	3-80L	-.05	-.05	-.07
1-38L	-.17	-.17	-.17	3-95L	.07	.07	.04
1-60L	-.16	-.16	-.16	4-OC	.61	.61	.61
1-70L	-.13	-.12	-.15	4-1.25U	.13	.11	.08
1-80L	-.08	-.09	-.09	4-2.5U	.04	.03	-.01
2-1.25U	.24	.24	.23	4-14U	-.16	-.17	-.20
2-2.5U	.08	.07	.03	4-19U	-.16	-.17	-.19
2-5U	-.01	-.03	-.05	4-32U	-.16	-.17	-.19
2-32U	-.11	-.12	-.15	4-38U	-.16	-.17	-.17
2-38U	.21	.23	.21	4-60U	-.19	-.20	-.20
2-44U	-.09	-.09	-.11	4-70U	-.03	-.04	-.04
2-70U	-.11	-.12	-.13	4-90U	.01	0	0
2-80U	-.05	-.07	-.07	4-95U	.07	.07	.05
2-95U	.05	.07	.04	4-100C	.15	.15	.15
2-100C	.09	.09	.08	4-2.5L	.15	.13	.11
2-1.25L	-.16	-.16	-.12	4-5L	-.19	-.17	-.16
2-2.5L	-.24	-.24	-.20	4-8L	-.15	-.15	-.13
2-5L	-.28	-.28	-.25	4-14L	-.25	-.24	-.24
2-14L	-.23	-.23	-.23	4-19L	-.23	-.23	-.23
2-32L	-.19	-.20	-.19	4-32L	-.17	-.16	-.16
2-38L	-.20	-.20	-.20	4-38L	-.21	-.20	-.21
2-44L	.19	.20	.19	4-14I	-.19	-.19	-.19
2-70L	-.08	-.08	-.09	4-60L	-.15	-.15	-.15
2-95L	.05	.04	.04	4-80L	-.04	-.04	-.04

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TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
1-OC	.32	.52	.41	3-1.25U	.08	.05	.03
1-1.25U	.17	.29	.28	3-3.0U	.13	.16	.17
1-2.5U	.21	.20	.20	3-14U	.19	.20	.20
1-5U	.11	.09	.08	3-19U	.20	.21	.23
1-8U	.04	.03	.01	3-32U	.20	.21	.23
1-14J	-	.01	.03	3-6CU	.11	.16	.17
1-19U	.08	-	.09	3-70U	.12	.13	.13
1-32U	.13	-	.15	3-95U	.03	.02	.03
2-70U	.19	.19	.30	3-1.25L	.04	0	.01
1-80U	-	.13	.15	3-2.5L	.13	.12	.12
1-90U	.09	.14	.12	3-5L	.17	.20	.20
1-95U	.03	-	.04	3-8L	.16	.15	.15
1-2.5L	.25	-	.24	3-14L	.19	.19	.19
1-5L	.24	-	.24	3-32L	.19	.19	.19
1-14L	.19	-	.19	3-38L	.20	.20	.20
1-19L	.19	-	.19	3-60L	.17	.21	.19
1-32L	.12	-	.12	3-80L	.05	.07	.07
1-38L	.17	-	.17	3-95L	.05	.05	.04
1-60L	.16	-	.17	4-OC	.61	.63	.61
1-70L	.15	-	.16	4-1.25U	.05	.03	.01
1-80L	.11	-	.11	4-2.5U	.04	.05	.07
2-1.25U	.20	-	.17	4-14U	.23	.25	.27
2-2.5U	.03	-	0	4-19U	.20	.21	.17
2-5U	.07	-	.09	4-32U	.19	.20	.21
2-32U	.16	-	.17	4-38U	.20	.21	.21
2-38U	.25	.27	.24	4-60U	.21	.23	.23
2-44U	.13	.13	.15	4-70U	.04	.05	.05
2-70U	.16	-	.17	4-90U	0	.01	.01
2-80U	.08	-	.09	4-95U	.05	.04	.04
2-95U	.04	-	.03	4-100C	.15	.13	.13
2-100C	.08	-	.07	4-2.5L	.09	.08	.08
2-1.25L	.11	-	.09	4-5L	.12	.15	.13
2-2.5L	.20	-	.19	4-8L	.09	.12	.12
2-5L	.25	-	.25	4-14L	.18	.23	.23
2-14L	.23	-	.21	4-19L	.21	.21	.21
2-32L	.20	-	.20	4-32L	.13	.17	.17
2-38L	.20	-	.20	4-38L	.21	.21	.21
2-44L	.20	-	.20	4-44L	.19	.19	.19
2-70L	.09	.11	.11	4-60L	.15	.15	.15
2-95L	.03	.03	.01	4-80L	.04	.04	.04

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TABLE 8.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$	ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$
4-90L	.04	.04	.04	6-8L	-	.19	.18
4-95L	.08	.08	.08	6-14L	-	.22	.22
5-0C	.61	.59	.62	6-19L	-	.20	.19
5-1.25U	.24	.24	.22	6-38L	-	.19	.19
5-8U	0	0	.01	6-44L	-	.19	.19
5-14U	.05	.05	.07	6-60L	-	.15	.15
5-19U	.11	.11	.12	6-70L	-	.05	.05
5-38U	.09	.09	.11	7-0C	-	.69	.69
5-44U	.07	.04	.08	7-5U	-	.04	.05
5-60U	.09	.09	.11	7-8U	-	.05	.05
5-70U	.03	.03	.04	7-14U	-	.08	.09
5-80U	.03	.03	.03	7-19U	-	.09	.11
5-90U	.03	.03	.03	7-38U	-	.14	.14
5-95U	.05	.05	.05	7-60U	-	.09	.09
5-1.25L	.20	.20	.17	7-90U	-	.01	.01
5-2.5L	.22	.22	.20	7-95U	-	.08	.08
5-5L	.27	.27	.26	7-1.25L	-	.08	.08
5-8L	.20	.20	.16	7-2.5L	-	.19	.18
5-14L	.19	.20	.19	7-5L	-	.22	.22
5-19L	.23	.23	.23	7-8L	-	.20	.20
5-38L	.20	.20	.20	7-14L	-	.19	.18
5-44L	.18	.18	.18	7-19L	-	.20	.20
5-60L	.18	.18	.18	7-32L	-	.18	.18
5-70L	.05	.04	.05	7-44L	-	.15	.15
5-90L	.04	.04	.04	7-60L	-	.12	.12
5-95L	.09	.09	.09	7-70L	-	.08	.08
6-0C	.59	.61	.61	7-90L	-	.05	.05
6-5U	.03	.03	.04	7-95L	-	.09	.09
6-14U	.08	.08	.09	8-0C	-	.69	.69
6-19U	.03	.03	.03	8-1.25U	-	.14	.12
6-32U	.12	.12	.14	8-2.5U	-	.03	.04
6-44U	.11	.11	.12	8-5U	-	.05	.07
6-60U	.09	.09	.09	8-8U	-	.08	.08
6-70U	.09	.09	.09	8-14U	-	.09	.11
6-80U	.03	.03	.03	8-19U	-	.11	.11
6-90U	.03	.03	.03	8-60U	-	.03	.03
6-100C	.16	.16	.16	8-80U	-	.01	.01
6-1.25L	.11	.11	.09	8-90U	-	.03	.04
6-2.5L	.24	.24	.22	8-95U	-	.09	.09
6-5L	.24	.24	.22	8-100C	-	.16	.16

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TABLE 8.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = -2.0$	$\delta_e = -1.6$	$\delta_e = -1.2$	ORIFICE	$\delta_e = -2.0$	$\delta_e = -1.6$	$\delta_e = -1.2$
4-90L	.04	.04	.04	6-8L	-	.16	-
4-95L	.08	.08	.08	6-14L	-	.20	-
5-0C	.64	.65	.66	6-19L	-	.19	-
5-1.25U	.19	.18	.14	6-38L	-	.19	-
5-8U	-	.03	-	6-44L	-	.19	-
5-14U	.08	.09	.11	6-60L	-	.15	-
5-19U	-	.14	-	6-70L	-	.05	-
5-38U	-	.12	-	7-0C	-	.70	.70
5-44U	-	.08	-	7-5U	-	.08	-
5-60U	-	.11	-	7-8U	-	.08	-
5-70U	-	.04	-	7-14U	-	.11	-
5-80U	-	.04	-	7-19U	-	.12	-
5-90U	.03	.03	.01	7-38U	-	.15	-
5-95U	.05	.05	.04	7-60U	-	.09	-
5-1.25L	-	.15	-	7-90U	-	0	-
5-2.5L	-	.18	-	7-95U	-	.08	.07
5-5L	-	.24	-	7-1.25L	-	.04	-
5-3L	-	.19	-	7-2.5L	-	.15	-
5-14L	-	.19	-	7-5L	-	.20	-
5-19L	-	.22	-	7-8L	-	.19	-
5-38L	-	.20	-	7-14L	-	.18	-
5-44L	-	.18	-	7-19L	-	.19	-
5-60L	-	.18	-	7-32L	-	.18	-
5-70L	-	.04	-	7-44L	-	.15	-
5-90L	-	.04	-	7-60L	-	.12	-
5-95L	-	.08	-	7-70L	-	.08	-
6-0C	.48	.64	.65	7-90L	-	.05	.05
6-5U	-	.05	-	7-95L	-	.09	.09
6-14U	-	.11	-	8-0C	-	.69	.69
6-19U	-	.03	-	8-1.25U	-	.09	.05
6-32U	-	.15	-	8-2.5U	-	.07	.08
6-44U	-	.12	-	8-5U	-	.08	.11
6-50U	-	.11	-	8-8U	-	.09	.12
6-70U	-	.11	-	8-14U	-	.12	.14
6-80U	-	.03	-	8-49U	-	.12	.14
6-90U	-	.03	-	8-60U	-	.04	.05
6-100C	-	.15	-	8-80U	-	.03	.03
6-1.25L	-	.07	-	8-90U	-	.03	.03
6-2.5L	-	.22	-	8-95U	-	.09	.09
6-5L	-	.22	-	8-100C	-	.16	.16

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TABLE 8.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	.04	.03	.03	6-8L	-	.14	.14
4-95L	.08	.08	.07	6-14L	-	.19	.18
5-0C	.68	.68	.68	6-19L	-	.18	.18
5-1.25U	.12	.09	.08	6-38L	-	.19	.18
5-8U	-	.09	.09	6-44L	-	.19	.18
5-14U	-	.12	.14	6-60L	-	.15	.15
5-19U	-	.18	.18	6-70L	-	.05	.05
5-38U	-	.15	.14	7-0C	-	.70	.70
5-44U	-	.11	.11	7-5U	-	.12	.14
5-60U	-	.14	.14	7-8U	-	.12	.12
5-70U	-	.07	.07	7-14U	-	.14	.15
5-80U	-	.05	.05	7-19U	-	.15	.16
5-90U	-	0	.01	7-38U	-	.16	.18
5-95U	-	.04	.04	7-60U	-	.12	.12
5-1.25L	-	.08	.05	7-90U	-	0	0
5-2.5L	-	.12	.11	7-95U	-	.05	.07
5-5L	-	.20	.19	7-1.25L	-	.01	.04
5-8L	-	.16	.16	7-2.5L	-	.11	.09
5-14L	-	.18	.16	7-5L	-	.18	.16
5-19L	-	.20	.20	7-8L	-	.18	.16
5-38L	-	.20	.20	7-14L	-	.16	.16
5-44L	-	.18	.18	7-19L	-	.19	.18
5-60L	-	.18	.18	7-32L	-	.16	.16
5-70L	-	.04	.04	7-44L	-	.15	.15
5-90L	-	.04	.04	7-60L	-	.14	.12
5-95L	-	.08	.08	7-70L	-	.08	.08
6-0C	-	.65	.66	7-90L	-	.04	.04
6-5U	-	.11	.12	7-95L	-	.09	.09
6-14U	-	.14	.14	8-0C	-	.69	.69
6-19U	-	.03	.03	8-1.25U	-	.04	.01
6-32U	-	.16	.12	8-2.5U	-	.11	.12
6-44U	-	.16	.11	8-5U	-	.12	.12
6-60U	-	.12	.12	8-8U	-	.14	.15
6-70U	-	.12	.12	8-14U	-	.15	.15
6-80U	-	.04	.04	8-19U	-	.15	.16
6-90U	-	.03	.03	8-60U	-	.05	.03
6-100C	-	.15	.15	8-80U	-	.03	.03
6-1.25L	-	0	.03	8-90U	-	.03	.03
6-2.5L	-	.16	.15	8-95U	-	.09	.11
6-5L	-	.19	.16	8-100C	-	.16	.16

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TABLE 8.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
4-90L	.03	.01	.03	6-8L	-	.14	.12
4-95L	.07	.07	.07	6-14L	-	.18	.17
5-0C	.69	.68	.70	6-19L	-	.18	.17
5-1.25U	.07	.04	0	6-38L	-	.19	.19
5-8U	-	.11	.12	6-44L	-	.19	.19
5-14U	-	.15	.16	6-60L	-	.16	.16
5-19U	-	.19	.21	6-70L	-	.05	.05
5-38U	-	.16	.16	7-0C	-	.70	.69
5-44U	-	.12	.13	7-5U	-	.15	.16
5-60U	-	.14	.15	7-8U	-	.14	.15
5-70U	-	.07	.08	7-14U	-	.15	.16
5-80U	-	.05	.07	7-19U	-	.16	.17
5-90U	.01	0	0	7-38U	-	.19	.19
5-95U	.04	.04	.04	7-60U	-	.14	.13
5-1.25L	-	.04	.01	7-90U	0	0	0
5-2.5L	-	.09	.08	7-95U	-	.07	.07
5-5L	-	.19	.19	7-1.25L	-	.04	.07
5-8L	-	.15	.15	7-2.5L	-	.09	.07
5-14L	-	.16	.16	7-5L	-	.16	.15
5-19L	-	.20	.20	7-8L	-	.16	.16
5-38L	-	.20	.20	7-14L	-	.16	.16
5-44L	-	.18	.17	7-19L	-	.19	.17
5-60L	-	.18	.19	7-32L	-	.16	.16
5-70L	-	.04	.04	7-44L	-	.15	.15
5-90L	.04	.04	.04	7-60L	-	.12	.13
5-95L	.08	.08	.07	7-70L	-	.08	.08
6-0C	.68	.67	.68	7-90L	-	.04	.04
6-5U	-	.14	.16	7-95L	-	.09	.09
6-14U	-	.16	.16	8-0C	-	.70	.68
6-19U	-	.03	.03	8-1.25U	-	0	.01
6-32U	-	.14	.15	8-2.5U	-	.14	.16
6-44U	-	.12	.13	8-5U	-	.14	.16
6-60U	-	.14	.15	8-8U	-	.15	.16
6-70U	-	.12	.12	8-14U	-	.16	.16
6-80U	-	.05	.05	8-19U	-	.16	.17
6-90U	-	.03	.01	8-60U	-	.03	.04
6-100C	.15	.15	.15	8-80U	-	.03	.03
6-1.25L	.04	.04	.08	8-90U	-	.03	.01
6-2.5L	-	.14	.13	8-95U	-	.11	.11
6-5L	-	.16	.16	8-100C	-	.16	.16

TABLE 8.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
4-90L	.01	.01	.01	6-8L	-	.11	-
4-95L	.05	.05	.05	6-14L	-	.16	-
5-0C	.70	.70	.72	6-19L	-	.16	-
5-1.25U	.03	.04	-	6-38L	-	.19	-
5-8U	.16	.18	.19	6-44L	-	.19	-
5-14U	.19	.30	.23	6-60L	-	.16	-
5-19U	.24	.26	.26	6-70L	-	.05	-
5-38U	.19	.20	.20	7-0C	-	.69	.68
5-44U	.16	.16	.18	7-5U	-	.20	.23
5-60U	.16	.18	.18	7-8U	-	.18	.20
5-70U	.09	.09	.11	7-14U	-	.19	.20
5-80U	.08	.08	.08	7-19U	-	.20	.22
5-90U	0	0	.01	7-38U	-	.20	.22
5-95U	.03	.03	.03	7-60U	-	.15	.16
5-1.25L	.03	.04	.07	7-90U	0	0	.01
5-2.5L	.05	.04	.03	7-95U	-	.07	.05
5-5L	.15	.15	.14	7-1.25L	-	.11	.12
5-8L	.12	.12	.12	7-2.5L	-	.04	.03
5-14L	.15	.15	.14	7-5L	-	.12	.11
5-19L	.19	.19	.19	7-8L	-	.15	.14
5-38L	.20	.20	.20	7-14L	-	.18	.18
5-44L	.18	.18	.18	7-19L	-	.18	.19
5-60L	.19	.19	.19	7-32L	-	.18	.18
5-70L	.04	.05	.05	7-44L	-	.16	.16
5-90L	.04	.03	.03	7-60L	-	.14	.14
5-95L	.08	.07	.07	7-70L	-	.08	.08
6-0C	.69	.68	.69	7-90L	-	.04	.04
6-5U	.20	.20	.23	7-95L	-	.08	.08
6-14U	.19	.20	.22	8-0C	-	.69	.68
6-19U	.03	.04	.04	8-1.25U	-	.07	.09
6-32U	.16	.18	8	8-2.5U	-	.20	.23
6-44U	.16	.16	6	8-5U	-	.19	.20
6-60U	.16	.16	.16	8-8U	-	.19	.20
6-70U	.15	.15	.16	8-14U	-	.19	.20
6-80U	.07	.07	.07	8-19U	-	.19	.20
6-90U	.01	.01	.03	8-60U	-	.05	.05
6-100C	.14	.14	.14	8-80U	-	.04	.04
6-1.25L	.11	.11	.12	8-90U	-	.01	.01
6-2.5L	.08	.08	.07	8-95U	-	.11	.12
6-5L	-	.14	.14	8-100C	-	.16	.15

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TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$
8-1.25L	- .08	- .08	- .05	11-32U	- .11	- .11	- .09
8-2.5L	- .15	- .14	- .12	12-32U	- .07	- .07	- .05
8-5L	- .19	- .19	- .17	TIP-32C	- .07	- .07	- .05
8-8L	- .21	- .21	- .17	11-32L	- .10	- .10	- .08
8-14L	- .18	- .18	- .16	10-32L	- .12	- .12	- .11
8-19L	- .18	- .18	- .16	10-70U	- .05	- .05	- .04
8-32L	- .16	- .16	- .15	11-70U	- .04	- .04	- .03
8-38L	- .16	- .16	- .15	12-70U	- .03	- .03	- .01
8-44L	- .15	- .15	- .15	TIP-70C	- .03	- .03	- .01
8-60L	- .08	- .08	- .05	12-70L	- .03	- .03	- .01
8-95L	.10	.10	.10	11-70L	.03	.01	0
9-0C	.66	.67	.67	10-70L	.03	.03	.01
9-1.25U	.12	.11	.12	FIN-1	.03	.03	.01
9-2.5U	.01	.03	.01	FIN-2	.03	.03	.01
9-5U	.08	.10	.08	FIN-3	0	0	.01
9-14U	.15	.15	.13	FIN-4	.07	.07	.07
9-19U	.15	.26	.13	FIN-5	.03	.01	.01
9-32U	.15	.15	.13	FIN-6	.03	.01	.01
9-44U	.10	.10	.09	FIN-7	.21	.21	.19
9-70U	.04	.04	.03	FIN-8	.07	.07	.05
9-80U	0	0	.01	FIN-9	.10	.11	.08
9-100C	.14	.14	.15	FIN-10	.07	.07	.05
9-1.25L	.10	.08	.07	FIN-11	.07	.07	.05
9-5L	.16	.16	.15	FIN-12	.05	.05	.04
9-8L	.19	.19	.17	FIN-13	.10	.10	.08
9-14L	.18	.18	.16	FIN-14	.16	.16	.15
9-19L	.18	.16	.15	FIN-15	.08	.07	.07
9-32L	.18	.18	.16	FIN-16	.05	.05	.04
9-38L	.14	.15	.12	FIN-17	.03	.03	.01
9-44L	.10	.10	.08	FIN-18	.04	.04	.03
9-70L	.04	.04	.03	FIN-19	.07	.07	.04
9-90L	.07	.07	.08	FIN-20	.04	.04	.03
9-95L	.12	.12	.13	FIN-21	.14	.14	.11
2S-60U	.12	.12	.11	FIN-22	.07	.07	.08
2S-60L	.11	.12	.09	FIN-23	.05	.07	.04
5S-60U	.07	.07	.05	FIN-24	.03	.03	.01
5S-60L	.11	.11	.09	FIN-25	.21	.21	.19
8S-60U	.11	.10	.09	FIN-26	.14	.14	.12
8S-60L	.11	.10	.09	FIN-27	.10	.10	.07
10-32U	.03	.03	.01	FIN-28	.08	.08	.07

TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
8-1.25L	- .05	- .04	- .01	11-32U	- .11	- .11	- .11
8-2.5L	- .12	- .11	- .10	12-32U	- .07	- .07	- .07
8-5L	- .18	- .16	- .16	TIP-32C	- .07	- .07	- .07
8-8L	- .19	- .18	- .18	11-32L	- .10	- .10	- .10
8-14L	- .16	- .16	- .16	10-32L	- .12	- .12	- .12
8-19L	- .18	- .16	- .18	10-70U	- .05	- .05	- .05
8-32L	- .15	- .15	- .15	11-70U	- .04	- .04	- .04
8-38L	- .15	- .15	- .15	12-70U	- .03	- .03	- .03
8-44L	- .15	- .15	- .15	TIP-70C	- .03	- .03	- .04
8-60L	- .08	- .08	- .08	12-70L	- .03	- .03	- .03
8-95L	.10	.10	.10	11-70L	- .01	- .01	- .03
9-0C	.67	.68	.68	10-70L	- .04	- .04	- .04
9-1.25U	.08	.07	.05	FIN-1	- .03	- .03	- .03
9-2.5U	.04	.05	.08	FIN-2	- .03	- .03	- .03
9-5U	.11	.11	.14	FIN-3	0	0	0
9-14U	.16	.16	.18	FIN-4	- .07	- .08	- .08
9-19U	.16	.16	.18	FIN-5	- .01	- .03	- .03
9-32U	.16	.16	.16	FIN-6	- .03	- .03	- .03
9-44U	.11	.11	.11	FIN-7	- .19	- .18	- .18
9-70U	.04	.04	.03	FIN-8	- .07	- .07	- .08
9-80U	0	0	0	FIN-9	- .10	- .10	- .11
9-100C	.14	.14	.14	FIN-10	- .07	- .07	- .07
9-1.25L	.07	.05	.03	FIN-11	- .07	- .07	- .07
9-5L	.15	.15	.14	FIN-12	- .05	- .05	- .05
9-8L	.18	.18	.16	FIN-13	- .10	- .08	- .07
9-14L	.18	.18	.16	FIN-14	- .16	- .16	- .16
9-19L	.16	.16	.16	FIN-15	- .07	- .07	- .07
9-32L	.18	.18	.18	FIN-16	- .05	- .05	- .05
9-38L	.14	.14	.14	FIN-17	- .03	- .03	- .03
9-44L	.10	.10	.05	FIN-18	- .04	- .04	- .04
9-70L	.04	.04	.04	FIN-19	- .05	- .05	- .05
9-90L	.07	.07	.05	FIN-20	- .04	- .04	- .04
9-95L	.12	.12	.12	FIN-21	- .14	- .12	- .12
2S-60U	.12	.14	.14	FIN-22	- .07	- .07	- .07
2S-60L	.11	.12	.12	FIN-23	- .05	- .05	- .14
5S-60U	.07	.08	.07	FIN-24	- .03	- .03	- .03
5S-60L	.11	.12	.12	FIN-25	- .21	- .15	- .19
8S-60U	.11	.11	.12	FIN-26	- .14	- .14	- .14
8S-60L	.10	.11	.11	FIN-27	- .08	- .08	- .08
10-32U	.05	.03	.03	FIN-28	- .08	- .08	- .08

TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = +8$	$\delta_e = +4$	$\delta_e = 0$
8-1.25L	- 0	.01	.03	11-32U	- .11	.09	.09
8-2.5L	- .08	.07	.07	12-32U	- .07	.07	.07
8-5L	- .15	.15	.14	TIP-32C	- .07	.07	.07
8-8L	- .19	.16	.16	11-32L	- .09	.09	.09
8-14L	- .16	.16	.16	10-32L	- .12	.12	.12
8-19L	- .16	.16	.16	10-70U	- .07	.05	.07
8-32L	- .15	.15	.16	11-70U	- .05	.04	.05
8-38L	- .15	.15	.16	12-70U	- .04	.03	.04
8-44L	- .15	.15	.16	TIP-70C	- .03	.03	.03
8-60L	- .08	.08	.08	12-70L	- .04	.03	.04
8-95L	.09	.09	.08	11-70L	- .03	.03	.03
9-0C	.68	.69	.69	10-70L	- .04	.04	.05
9-1.25U	.04	.04	.01	FIN-1	- .03	.03	.03
9-2.5U	.09	.09	.09	FIN-2	- .03	.03	.03
9-5U	.14	.15	.16	FIN-3	- 0	0	0
9-14U	.18	.13	.20	FIN-4	- .08	.08	.08
9-19U	.18	.18	.19	FIN-5	- .03	.03	.01
9-32U	.18	.16	.18	FIN-6	- .03	.03	.01
9-44U	.12	.11	.12	FIN-7	- .18	.16	.16
9-70U	.03	.03	.03	FIN-8	- .07	.08	.07
9-80U	0	0	.01	FIN-9	- .09	.09	.09
9-100C	.14	.15	.14	FIN-10	- .07	.07	.07
9-1.25L	.03	.01	0	FIN-11	- .07	.07	.07
9-5L	.14	.12	.12	FIN-12	- .05	.05	.05
9-8L	.16	.16	.16	FIN-13	- .07	.07	.07
9-14L	.16	.16	.16	FIN-14	- .15	.15	.15
9-19L	.16	.16	.16	FIN-15	- .07	.07	.07
9-32L	.18	.18	.18	FIN-16	- .05	.05	.05
9-38L	.14	.14	.14	FIN-17	- .03	.01	.03
9-44L	.09	.09	.09	FIN-18	- .04	.04	.04
9-70L	.05	.04	.05	FIN-19	- .07	.04	.07
9-90L	.05	.05	.05	FIN-20	- .04	.04	.04
9-95L	.12	.12	.11	FIN-21	- .12	.12	.12
2S-60U	.15	.15	.16	FIN-22	- .20	.07	.07
2S-60L	.12	.12	.12	FIN-23	- .05	.05	.05
5S-60U	.08	.08	.08	FIN-24	- .03	.03	.03
5S-60L	.12	.12	.12	FIN-25	- .19	.19	.19
8S-60U	.14	.14	.14	FIN-26	- .14	.12	.12
8S-60L	.11	.11	.11	FIN-27	- .07	.08	.08
10-32U	.03	.03	.03	FIN-28	- .08	.07	.08

TABLE 8. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
8-1.25L	.04	.04	.08	11-32U	-.09	-.11	-.09
8-2.5L	.05	-.04	.01	12-32U	-.07	-.06	-.07
8-5L	-.14	-.14	-.11	TIP-32C	-.07	-.08	-.05
8-8L	-.16	-.15	-.13	11-32L	-.09	-.09	-.08
8-14L	-.16	-.15	-.13	10-32L	-.12	-.12	-.11
8-19L	-.16	-.16	-.15	10-70U	-.07	-.07	-.07
8-32L	-.16	-.13	-.15	11-70U	-.05	-.05	-.04
8-38L	-.16	-.16	-.15	12-70U	-.04	-.04	-.03
8-44L	-.16	-.16	-.15	TIP-70C	-.03	-.03	-.01
8-60L	-.08	-.08	-.05	12-70L	-.04	-.03	-.03
8-95L	.08	.08	.09	11-70L	-.03	-.04	-.03
9-0C	.69	.69	.69	10-70L	-.01	-.05	-.04
9-1.25U	0	-.01	-.01	FIN-1	-.03	-.03	-.01
9-2.5U	-.12	-.14	-.13	FIN-2	-.03	0	0
9-5U	-.16	-.18	-.17	FIN-3	0	0	-.01
9-14U	-.20	-.20	-.20	FIN-4	-.08	0	-.07
9-19U	-.19	-.20	-.19	FIN-5	-.03	-.01	-.01
9-32U	-.18	-.19	-.17	FIN-6	-.03	-.01	-.01
9-44U	-.12	-.14	-.12	FIN-7	-.16	-.16	-.13
9-70U	-.03	-.03	-.01	FIN-8	-.07	-.07	-.05
9-80U	-.01	-.01	0	FIN-9	-.09	-.09	-.08
9-100C	-.14	-.14	-.15	FIN-10	-.07	-.07	-.05
9-1.25L	0	-.01	-.04	FIN-11	-.08	-.07	-.07
9-5L	-.12	-.11	-.09	FIN-12	-.05	-.05	-.04
9-8L	-.16	-.15	-.13	FIN-13	-.05	-.07	-.05
9-14L	-.16	-.16	-.15	FIN-14	-.15	-.15	-.13
9-19L	-.16	-.16	-.15	FIN-15	-.07	-.07	-.05
9-32L	-.18	-.18	-.16	FIN-16	-.05	-.05	-.04
9-38L	-.14	-.14	-.12	FIN-17	-.01	-.01	0
9-44L	-.09	-.09	-.08	FIN-18	-.03	-.02	-.03
9-70L	-.05	-.05	-.04	FIN-19	-.07	-.07	-.05
9-90L	-.05	-.05	-.07	FIN-20	-.04	-.04	-.03
9-95L	.11	.11	.12	FIN-21	-.12	-.12	-.08
2S-60U	-.16	-.18	-.17	FIN-22	-.07	-.07	-.05
2S-60L	-.12	-.14	-.12	FIN-23	-.05	-.05	-.04
5S-60U	-.08	-.08	-.07	FIN-24	-.03	-.03	-.01
5S-60L	-.12	-.12	-.12	FIN-25	-.19	-.19	-.17
8S-60U	-.14	-.15	-.13	FIN-26	-.14	-.14	-.12
8S-60L	-.11	-.11	-.11	FIN-27	-.08	-.08	-.08
10-32U	-.03	-.03	-.01	FIN-28	-.08	-.08	-.07

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TABLE 8. - CONTINUED
(a) - Concluded

ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$	ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$
8-1.25L	.08	.08	.10	11-32U	-	.09	-
8-2.5L	.01	.01	.01	12-32U	-	.07	-
8-5L	-	.09	.11	TIP-32C	-	.07	-
8-8L	-	.13	.14	11-32L	-	.08	-
8-14L	-	.13	.15	10-32L	-	.11	-
8-19L	-	.15	.16	10-70U	-	.05	-
8-32L	-	.15	.16	11-70U	-	.04	-
8-38L	-	.15	.16	12-70U	-	.03	-
8-44L	-	.15	.16	TIP-70C	-	.01	-
8-60L	-	.07	.08	12-70L	-	.11	-
8-95L	-	.09	.08	11-70L	-	.03	-
9-0C	.69	.70	.70	10-70L	-	.04	-
9-1.25U	-	.03	.05	FIN-1	-	.01	-
9-2.5U	-	.15	.18	FIN-2	-	0	-
9-5U	-	.19	.21	FIN-3	-	.03	-
9-14U	-	.15	.19	FIN-4	-	.05	-
9-19U	-	.19	.22	FIN-5	-	0	-
9-32U	-	.17	.21	FIN-6	-	0	-
9-44U	-	.12	.14	FIN-7	-	.13	-
9-70U	-	.01	.03	FIN-8	-	.05	-
9-80U	-	0	.01	FIN-9	-	.08	-
9-100C	-	.15	.14	FIN-10	-	.05	-
9-1.25L	-	.05	.04	FIN-11	-	.05	-
9-5L	-	.08	.10	FIN-12	-	.04	-
9-8L	-	.13	.15	FIN-13	-	.04	-
9-14L	-	.15	.16	FIN-14	-	.13	-
9-19L	-	.15	.16	FIN-15	-	.05	-
9-32L	-	.16	.18	FIN-16	-	.04	-
9-38L	-	.13	.14	FIN-17	-	0	-
9-44L	-	.08	.10	FIN-18	-	.03	-
9-70L	-	.04	.05	FIN-19	-	.05	-
9-90L	-	.07	.04	FIN-20	-	.03	-
9-95L	-	.12	.11	FIN-21	-	.11	-
2S-60U	-	.18	.21	FIN-22	-	.05	-
2S-60L	-	.12	.14	FIN-23	-	.05	-
5S-60U	-	.07	.08	FIN-24	-	.01	-
5S-60L	-	.12	.14	FIN-25	-	.17	-
8S-60U	-	.13	.16	FIN-26	-	.13	-
8S-60L	-	.11	.14	FIN-27	-	.08	-
10-32U	-	.01	.03	FIN-28	-	.07	-

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TABLE 8. - CONTINUED
(b) α , 6° .

ORIFICE	$\delta_o = .32$	$\delta_o = .28$	$\delta_o = .24$	ORIFICE	$\delta_o = .32$	$\delta_o = .28$	$\delta_o = .24$
1-OC	.35	.36	.35	3-1.25U	-	.16	.18
1-1.25U	.35	.34	.33	3-8U	-	.20	.20
1-2.5U	.25	.24	.23	3-14U	-	.19	.20
1-5U	.16	.15	.13	3-19U	-	.19	.20
1-8U	.09	.08	.07	3-32U	-	.15	.16
1-14J	.04	.03	.03	3-60U	-	.09	.09
1-19U	-	.01	.03	3-70U	-	.05	.05
1-32U	-	.04	.05	3-95U	-	.07	.07
1-70U	-	.12	.12	3-1.25L	-	.27	.27
1-80U	-	.03	.04	3-2.5L	-	.11	.12
1-90U	-	.01	.01	3-5L	-	.01	.01
1-95U	-	.07	.07	3-8L	-	.03	.01
1-2.5L	-	.20	.19	3-14L	-	.07	.07
1-5L	-	.17	.18	3-32L	-	.11	.09
1-14L	-	.09	.09	3-38L	-	.13	.12
1-19L	-	.09	.09	3-60L	-	.11	.11
1-32L	-	.04	.04	3-80L	-	.01	.01
1-38L	-	.09	.08	3-95L	-	.08	.07
1-60L	-	.09	.08	4-0C	-	.55	.54
1-70L	-	.07	.07	4-1.25U	-	.21	.23
1-80L	-	.04	.04	4-2.5L	-	.23	.26
2-1.25U	-	.11	.14	4-14U	-	.29	.30
2-2.5U	-	.11	.12	4-19U	-	.21	.22
2-5U	-	.13	.15	4-32U	-	.17	.19
2-32U	-	.08	.09	4-38U	-	.19	.20
2-38U	-	.17	.19	4-60U	-	.17	.18
2-44U	-	.08	.09	4-70U	-	.04	.04
2-70U	-	.01	.03	4-90U	-	.03	.03
2-80U	-	.01	0	4-95U	-	.08	.08
2-95U	-	.08	.08	4-100C	-	.28	.15
2-100C	-	.09	.09	4-2.5L	-	.39	.16
2-1.25L	-	.20	.20	4-5L	-	.04	.05
2-2.5L	-	.07	.07	4-8L	-	.04	.04
2-5L	-	.04	.04	4-14L	-	.08	.08
2-14L	-	.08	.08	4-19L	-	.09	.09
2-32L	-	.04	.09	4-32L	-	.07	.07
2-38L	-	.11	.11	4-38L	-	.12	.12
2-44L	-	.11	.11	4-44L	-	.14	.14
2-70L	-	.01	.01	4-60L	-	.08	.08
2-95L	-	.07	.07	4-80L	-	0	0

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TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$s_o = .20$	$s_o = .16$	$s_o = .12$	ORIFICE	$s_o = .20$	$s_o = .16$	$s_o = .12$
1-OC	.37	.39	.39	3-1.25U	-	.24	.31
1-1.25U	.31	.39	.28	3-8U	-	.24	.28
1-2.5U	.21	.20	.19	3-14U	-	.24	.27
1-5U	.12	.09	.09	3-19U	-	.23	.27
1-8U	.05	.03	.03	3-32U	-	.19	.20
1-14J	.01	.01	.03	3-60U	-	.12	.13
1-19U	-	.05	.07	3-70U	-	.08	.09
1-32U	-	.08	.11	3-95U	-	.07	.05
1-70U	-	.13	.13	3-1.25L	-	.31	.32
1-80U	-	.05	.07	3-2.5L	-	.15	.17
1-90U	-	.03	.04	3-5L	-	.01	.03
1-95U	-	.05	.04	3-8L	-	0	.01
1-2.5L	-	.17	.17	3-14L	-	.05	.04
1-5L	-	.16	.16	3-32L	-	.09	.08
1-14L	-	.08	.08	3-38L	-	.12	.11
1-19L	-	.08	.08	3-60L	-	.12	.11
1-32L	-	.04	.04	3-80L	-	.03	.03
1-38L	-	.08	.08	3-95L	-	.07	.07
1-60L	-	.09	.09	4-0C	-	.51	.48
1-70L	-	.07	.07	4-1.25U	-	.39	.37
1-80L	-	.04	.04	4-2.5U	-	.31	.35
2-1.25U	-	.17	.19	4-14U	-	.33	.39
2-2.5U	-	.17	.21	4-19U	-	.24	.27
2-5U	-	.19	.23	4-32U	-	.20	.23
2-32U	-	.12	.13	4-38U	-	.21	.24
2-38U	-	.21	.23	4-60U	-	.19	.20
2-44U	-	.11	.12	4-70U	-	.05	.07
2-70U	-	.05	.07	4-90U	-	.03	.01
2-80U	-	.03	.04	4-95U	-	.08	.07
2-95U	-	.08	.07	4-100C	-	.15	.13
2-100C	-	.08	.08	4-2.5L	-	.19	.21
2-1.25L	-	.23	.27	4-5L	-	.07	.09
2-2.5L	-	.09	.11	4-8L	-	.05	.07
2-5L	-	.03	0	4-14L	-	.08	.07
2-14L	-	.07	.05	4-19L	-	.08	.08
2-32L	-	.09	.08	4-32L	-	.07	.05
2-38L	-	.11	.11	4-38L	-	.12	.11
2-44L	-	.11	.11	4-44L	-	.11	.11
2-70L	-	.01	.01	4-60L	-	.08	.08
2-95L	-	.05	.05	4-80L	-	0	0

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TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$	ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$
1-OC	.37	.40	.40	3-1.25U	-	.39	.41
1-1.25U	.25	.25	.24	3-8U	-	.32	.35
1-2.5U	.17	.16	.15	3-14U	-	.31	.31
1-5U	.08	.07	.05	3-19U	-	.29	.31
1-8U	.01	0	.01	3-32U	-	.24	.24
1-14U	-	.04	.08	3-60U	-	.15	.16
1-19U	-	.11	.12	3-70U	-	.11	.12
1-32U	-	.13	.15	3-95U	-	.05	.05
1-70U	-	.16	.16	3-1.25L	-	.36	.37
1-80U	-	.08	.09	3-2.5L	-	.20	.21
1-90U	-	.05	.05	3-5L	-	.05	.07
1-95U	-	.01	.01	3-8L	-	.03	.04
1-2.5L	-	.16	.16	3-14L	-	.04	.03
1-5L	-	.13	.15	3-32L	-	.08	.07
1-14L	-	.07	.07	3-38L	-	.11	.11
1-19L	-	.08	.07	3-60L	-	.12	.12
1-32L	-	.04	.04	3-80L	-	.01	.03
1-38L	-	.08	.08	3-95L	-	.07	.05
1-60L	-	.09	.09	4-0C	-	.43	.47
1-70L	-	.08	.08	4-1.25U	-	.40	.45
1-80L	-	.04	.05	4-2.5U	-	.39	.44
2-1.25U	-	.17	.13	4-14U	-	.40	.44
2-2.5U	-	.27	.29	4-19U	-	.28	.31
2-5U	-	.25	.28	4-32U	-	.24	.25
2-32U	-	.17	.19	4-38U	-	.25	.23
2-38U	-	.25	.27	4-60U	-	.21	.23
2-44U	-	.15	.11	4-70U	-	.08	.08
2-70U	-	.09	.11	4-90U	-	.01	0
2-80U	-	.04	.05	4-95U	-	.07	.07
2-95U	-	.07	.07	4-100C	-	.13	.13
2-100C	-	.07	.05	4-2.5L	-	.23	.25
2-1.25L	-	.28	.29	4-5L	-	.11	.12
2-2.5L	-	.13	.15	4-8L	-	.07	.09
2-5L	-	.01	.03	4-14L	-	.05	.05
2-14L	-	.04	.04	4-19L	-	.08	.07
2-32L	-	.08	.08	4-32L	-	.07	.05
2-38L	-	.11	.11	4-38L	-	.12	.11
2-44L	-	.11	.11	4-44L	-	.11	.11
2-70L	-	.01	.01	4-60L	-	.09	.09
2-95L	-	.04	.03	4-80L	-	.01	0

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TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
1-OC	.41	.41	.41	3-1.25U	-	.45	.47
1-1.25U	.23	.22	.20	3-8U	-	.36	.38
1-2.5U	.15	.14	.12	3-14U	-	.33	.34
1-5U	.04	.03	.03	3-19U	-	.32	.34
1-8U	-	.03	.04	3-32U	-	.25	.27
1-14U	-	.07	.08	3-60U	-	.17	.19
1-19U	-	.13	.15	3-70U	-	.13	.14
1-32U	-	.17	.19	3-95U	-	.04	.04
1-70U	-	.17	.18	3-1.25L	-	.39	.41
1-80U	-	.12	.12	3-2.5L	-	.23	.23
1-90U	-	.07	.08	3-5L	-	.07	.08
1-95U	-	.01	.03	3-8L	-	.04	.04
1-2.5L	-	.15	.15	3-14L	-	.03	.03
1-5L	-	.13	.14	3-32L	-	.07	.07
1-14L	-	.07	.07	3-38L	-	.11	.11
1-19L	-	.07	.07	3-60L	-	.12	.12
1-32L	-	.04	.04	3-80L	-	.03	.04
1-38L	-	.08	.08	3-95L	-	.05	.05
1-60L	-	.09	.09	4-0C	-	.43	.43
1-70L	-	.08	.08	4-1.25U	-	.52	.54
1-80L	1.79	.05	.05	4-2.5U	-	.48	.50
2-1.25U	-	.21	.26	4-14U	-	.45	.46
2-2.5U	-	.33	.36	4-19U	-	.32	.34
2-5U	-	.32	.34	4-32U	-	.27	.28
2-32U	-	.21	.23	4-38U	-	.25	.27
2-38U	-	.29	.31	4-60U	-	.23	.24
2-44U	-	.13	.15	4-70U	-	.09	.09
2-70U	-	.13	.14	4-90U	-	0	0
2-80U	-	.07	.07	4-95U	-	.07	.07
2-95U	.05	.04	.04	4-100C	-	.13	.14
2-100C	.05	.05	.04	4-2.5L	-	.37	.38
2-1.25L	.32	.34	.35	4-5L	-	.13	.14
2-2.5L	.16	.18	.19	4-8L	-	.09	.09
2-5L	.03	.04	.05	4-14L	-	.04	.04
2-14L	-	.04	.04	4-19L	-	.05	.07
2-32L	-	.08	.08	4-32L	-	.05	.04
2-38L	-	.11	.11	4-38L	-	.11	.11
2-44L	-	.11	.11	4-44L	-	.11	.09
2-70L	-	.03	.03	4-60L	-	.09	.08
2-95L	.03	.03	.01	4-80L	-	.01	.01

~~CONFIDENTIAL~~TABLE 8. -- CONTINUED
(b) -- Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
1-OC	.41	.47	.41	3-1.25U	—	.77	.57
1-2.5U	.20	.20	.19	3-8U	—	.28	.43
1-1.25U	.11	.09	.09	3-14U	—	.37	.39
1-2.5U	.01	.01	0	3-19U	—	.36	.37
1-5U	—	.05	.07	3-32U	—	.29	.31
1-8U	—	.11	.11	3-60U	—	.20	.21
1-14J	—	.19	.19	3-70U	—	.16	.17
1-19U	—	.23	.24	3-95U	—	.03	.03
1-32U	—	.20	.21	3-1.25L	—	.43	.43
1-70U	—	.15	.17	3-2.5L	—	.25	.27
1-80U	—	.11	.12	3-5L	—	.09	.09
1-90U	—	.09	.05	3-8L	—	.07	.07
1-95U	—	.13	.13	3-14L	—	.01	0
1-2.5L	—	.13	.13	3-32L	—	.07	.07
1-5L	—	.07	.07	3-38L	—	.11	.11
1-14L	—	.07	.07	3-60L	—	.12	.12
1-19L	—	.03	.04	3-80L	—	.04	.04
1-32L	—	.08	.08	3-95L	—	.05	.04
1-38L	—	.09	.11	4-OC	—	.35	.31
1-60L	—	.09	1.24	4-1.25U	—	.60	.64
1-70L	—	.07	.07	4-2.5U	—	.57	.59
1-80L	—	.29	.33	4-14U	—	.49	.49
2-1.25U	—	.41	.43	4-19U	—	.36	.37
2-2.5U	—	.37	.40	4-32U	—	.31	.31
2-5U	—	.25	.27	4-38U	—	.28	.29
2-32U	—	.33	.35	4-60U	—	.25	.27
2-38U	—	.16	.17	4-70U	—	.11	.11
2-44U	—	.16	.17	4-90U	—	0	.01
2-70U	—	.09	.09	4-95U	—	.05	.05
2-80U	—	.03	.03	4-100C	—	.13	.12
2-95U	—	.03	.03	4-2.5L	—	.29	.31
2-100C	—	.36	.36	4-5L	—	.16	.15
2-1.25L	—	.20	.20	4-8L	—	.12	.12
2-2.5L	—	.05	.05	4-14L	—	.04	.04
2-5L	—	.03	.03	4-19L	—	.05	.05
2-14L	—	.08	.08	4-32L	—	.05	.05
2-32L	—	.11	.11	4-38L	—	.11	.11
2-38L	—	.11	.11	4-44L	—	.09	.11
2-44L	—	.03	.04	4-60L	—	.09	.09
2-70L	—	.01	.01	4-80L	—	.01	.01
2-95L	—	0	—	—	—	—	—

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TABLE 8.- CONTINUED
(b)- Continued

ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$	ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$
4-90L	.04	.04	.04	6-8L	.08	.09	.09
4-95L	.08	.08	.08	6-14L	.01	.01	0
5-0C	.56	.55	.53	6-19L	.03	.03	.03
5-1.25U	-.36	-.37	-.40	6-38L	.09	.09	.09
5-8U	-.25	-.27	-.27	6-44L	.11	.11	.11
5-14U	-.23	-.24	-.24	6-60L	.09	.09	.11
5-19U	-.25	-.27	-.27	6-70L	.01	.01	.01
5-38U	-.19	-.20	-.20	7-0C	.35	.32	.31
5-44U	-.15	-.16	-.16	7-5U	.39	.40	.41
5-60U	-.13	-.15	-.15	7-8U	.29	.31	.31
5-70U	-.09	-.09	-.09	7-14U	.25	.27	.27
5-80U	-.04	-.05	-.05	7-19U	.24	.25	.25
5-90U	.03	.03	.01	7-38U	.23	.23	.23
5-95U	.05	.05	.05	7-60U	.13	.13	.13
5-1.25L	.33	.33	.35	7-90U	.03	.03	.03
5-2.5L	.21	.23	.24	7-95U	.07	.08	.08
5-5L	.07	.07	.08	7-1.25L	.40	.41	.43
5-8L	.05	.05	.07	7-2.5L	.24	.25	.25
5-14L	0	0	0	7-5L	.11	.12	.12
5-19L	.07	.05	.05	7-8L	.05	.05	.07
5-38L	.11	.09	.09	7-14L	.03	.01	.01
5-44L	.09	.09	.09	7-19L	.05	.05	.04
5-60L	.12	.12	.12	7-32L	.07	.07	.07
5-70L	.01	0	.01	7-44L	.08	.08	.08
5-90L	.05	.05	.05	7-60L	.08	.08	.08
5-95L	.09	.08	.08	7-70L	.05	.05	.05
6-0C	.52	.51	.49	7-90L	.05	.05	.04
6-5U	.37	.37	.40	7-95L	.08	.09	.09
6-14U	.28	.28	.29	8-0C	.32	.29	.28
6-19U	.01	.01	.01	8-1.25U	1.97	.49	.52
6-32U	.21	.23	.23	8-2.5U	.51	.51	.55
6-44U	.19	.19	.20	8-5U	.39	.40	.41
6-60U	.13	.13	.15	8-8U	.32	.33	.33
6-70U	.12	.12	.12	8-14U	.25	.25	.25
6-80U	.04	.04	.04	8-19U	.23	.23	.24
6-90U	0	0	0	8-60U	.05	.05	.05
6-100C	.15	.13	.13	8-80U	.01	.01	.03
6-1.25L	.39	.39	.41	8-90U	.04	.04	.04
6-2.5L	.19	.20	.21	8-95U	.07	.07	.07
6-5L	.09	.11	.11	8-100C	.15	.15	.15

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TABLE 8.- CONTINUED
(b)- Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
4-90L	.04	.04	.04	6-8L	.11	.12	.12
4-95L	.08	.07	.07	6-14L	- 0	.01	.01
5-0C	.52	.50	.47	6-19L	- .03	.01	.01
5-1.25U	.44	.49	.52	6-38L	- .09	.09	.08
5-8U	.12	.30	.31	6-44L	- .09	.09	.09
5-14U	.25	.28	.29	6-60L	- .09	.09	.09
5-19U	.28	.30	.31	6-70L	- .01	.01	.01
5-38U	.21	.23	.23	7-0C	.28	.22	.19
5-44U	.17	.19	.19	7-5U	- .43	.46	.47
5-60U	.16	.16	.16	7-8U	- .32	.35	.36
5-70U	.09	.11	.11	7-14U	- .28	.30	.29
5-80U	.05	.07	.07	7-19U	- .27	.28	.29
5-90U	.01	.01	.01	7-38U	- .23	.24	.25
5-95U	.05	.05	.04	7-60U	- .15	.15	.16
5-1.25L	.36	.38	.40	7-90U	- .01	.01	.01
5-2.5L	.24	.26	.27	7-95U	- .07	.08	.08
5-5L	.09	.09	.11	7-1.25L	- .44	.46	.45
5-8L	.08	.08	.09	7-2.5L	- .27	.28	.29
5-14L	.01	.01	.01	7-5L	- .13	.15	.16
5-19L	.05	.05	.04	7-8L	- .07	.08	.08
5-38L	.09	.09	.09	7-14L	- .01	0	.01
5-44L	.09	.09	.09	7-19L	- .04	.03	.03
5-60L	.12	.12	.12	7-32L	- .07	.07	.07
5-70L	.01	.01	.01	7-44L	- .08	.08	.08
5-90L	.05	.05	.04	7-60L	- .08	.08	.08
5-95L	.08	.08	.08	7-70L	- .05	.05	.05
6-0C	.48	.45	.41	7-90L	- .04	.04	.04
6-5U	.41	.43	.45	7-95L	- .09	.08	.08
6-14U	.31	.32	.33	8-0C	- .25	.19	.17
6-19U	.01	.01	.01	8-1.25U	- .55	.61	.61
6-32U	.24	.26	.24	8-2.5U	- .56	.61	.61
6-44U	.20	.22	.21	8-5U	- .41	.43	.44
6-60U	.15	.16	.16	8-8U	- .35	.36	.36
6-70U	.13	.14	.13	8-14U	- .27	.28	.29
6-80U	.04	.05	.05	8-19U	- .24	.26	.27
6-90U	0	0	0	8-60U	- .05	.05	.05
6-100C	.13	.14	.13	8-80U	- .11	.03	.03
6-1.25L	.43	.45	.44	8-90U	- .04	.09	.03
6-2.5L	.21	.24	.24	8-95U	- .07	.07	.07
6-5L	.12	.14	.15	8-100C	- .15	.15	.15

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TABLE 8.- CONTINUED
(b)- Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	.03	.03	.03	6-8L	.12	.13	.13
4-95L	.07	.07	.07	6-14L	.01	.03	.03
5-0C	.45	.40	.41	6-19L	-	.01	0
5-1.25U	-.57	.60	-.61	6-38L	-	.08	.08
5-8U	-.32	.39	-.35	6-44L	-	.09	.09
5-14U	.30	-.32	-.32	6-60L	-	.09	.09
5-19U	-.32	-.33	-.35	6-70L	-	.01	.01
5-38U	-.24	-.25	-.25	7-0C	.18	.12	.11
5-44U	-.20	-.20	-.21	7-5U	-	.50	.51
5-60U	-.18	-.19	-.19	7-8U	-	.36	.39
5-70U	-.12	-.12	-.12	7-14U	-	.31	.32
5-80U	-.07	-.07	-.08	7-19U	-	.30	.31
5-90U	.01	0	0	7-38U	-	.26	.27
5-95U	.04	.04	.04	7-60U	-	.16	.16
5-1.25L	.41	.43	.43	7-90U	-	.01	0
5-2.5L	.30	.29	.29	7-95U	-	.07	.07
5-5L	.11	.13	.13	7-1.25L	-	.47	.48
5-8L	.09	.11	.11	7-2.5L	-	.31	.32
5-14L	.03	.03	.03	7-5L	-	.16	.17
5-19L	.04	-.03	-.03	7-8L	-	.08	.09
5-38L	.09	-.09	-.09	7-14L	-	.01	.01
5-44L	.09	-.08	-.08	7-19L	-	.03	.03
5-60L	-.12	-.12	-.12	7-32L	-	.05	.05
5-70L	-.01	-.01	-.01	7-44L	-	.08	.08
5-90L	.04	.04	.04	7-60L	-	.08	.08
5-95L	.08	.08	.07	7-70L	-	.05	.05
6-0C	.41	.36	.35	7-90L	-	.04	.04
6-5U	.47	.49	.51	7-95L	-	.08	.08
6-14U	.35	.35	.36	8-0C	-	.15	.12
6-19U	.01	-.01	-.01	8-1.25U	-	.65	.67
6-32U	.26	.23	.24	8-2.5U	-	.64	.65
6-44U	.22	-.19	-.20	8-5U	-	.46	.47
6-60U	-.16	-.17	-.17	8-8U	-	.38	.39
6-70U	-.15	-.15	-.15	8-14U	-	.30	.31
6-80U	-.05	-.07	-.07	8-19U	-	.28	.29
6-90U	0	0	0	8-60U	-	.05	.04
6-100C	.14	.13	.13	8-80U	-	.03	.03
6-1.25L	.46	.47	.48	8-90U	-	.03	.03
6-2.5L	.26	.27	.27	8-95U	-	.07	.07
6-5L	.15	.16	.16	8-100C	-	.15	.15

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TABLE 8.- CONTINUED
(b)- Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
4-90L	.03	.03	.03	6-8L	.15	.15	.16
4-95L	.07	.05	.05	6-14L	.03	.04	.04
5-0C	.38	.34	.31	6-19L	- 0	- 0	.01
5-1.25U	- .66	- .70	- .74	6-38L	- .08	- .08	.08
5-8U	- .36	- .38	- .41	6-44L	- .09	- .09	.09
5-14U	- .34	- .35	- .36	6-60L	- .09	- .09	.11
5-19U	- .36	- .36	- .38	6-70L	- .01	- .01	.01
5-38U	- .27	- .27	- .28	7-0C	.07	.01	.01
5-44U	- .23	- .23	- .23	7-5U	- .54	- .57	.58
5-60U	- .19	- .20	- .20	7-8U	- .41	- .42	.43
5-70U	- .14	- .14	- .15	7-14U	- .34	- .35	.36
5-80U	- .08	- .08	- .08	7-19U	- .32	- .34	.34
5-90U	- 0	- 0	- 0	7-38U	- .28	- .12	.30
5-95U	.04	.04	.04	7-60U	- .18	- .18	.18
5-1.25L	.45	.46	.47	7-90U	- .01	- 0	- 0
5-2.5L	.31	.32	.34	7-95U	.07	.07	.07
5-5L	.15	.15	.16	7-1.25L	.50	.51	.51
5-8L	.11	.12	.12	7-2.5L	.32	.34	.35
5-14L	.04	.04	.04	7-5L	.19	.19	.20
5-19L	- .03	- .03	- .03	7-8L	.11	.12	.12
5-38L	- .09	- .09	- .09	7-14L	.03	.03	.03
5-44L	- .08	- .08	- .08	7-19L	- .01	- .01	.01
5-60L	- .12	- .12	- .12	7-32L	- .07	- .05	.05
5-70L	- .01	- .01	- .01	7-44L	- .08	- .08	.08
5-90L	.04	.04	.04	7-60L	- .08	- .08	.08
5-95L	.08	.07	.07	7-70L	- .05	- .05	.05
6-0C	.32	.28	.26	7-90L	.04	.04	.04
6-5U	.53	.55	.57	7-95L	.08	.08	.08
6-14U	- .36	- .38	- .39	8-0C	.05	.01	.01
6-19U	- .01	- .01	- .01	8-1.25U	- .72	- .76	.78
6-32U	.26	.26	.27	8-2.5U	- .70	- .73	.74
6-44U	.22	.23	.23	8-5U	- .49	- .50	.51
6-60U	.18	.19	.19	8-8U	- .41	- .42	.43
6-70U	.16	.16	.16	8-14U	- .32	- .34	.35
6-80U	.07	.07	.07	8-19U	- .30	- .30	.31
6-90U	- 0	- 0	- 0	8-60U	- .05	- .04	.05
6-100C	.14	.12	.12	8-80U	- .04	- .03	.04
6-1.25L	.50	.51	.51	8-90U	.03	.03	.03
6-2.5L	.28	.30	.31	8-95U	- .07	- .08	.08
6-5L	.18	.19	.19	8-100C	.15	.14	.15

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TABLE 8.- CONTINUED
(b)- Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
4-90L	.03	.03	.01	6-8L	.16	.16	.16
4-95L	.05	.05	.05	6-14L	.04	.04	.04
5-0C	.30	.26	.26	6-19L	.01	0	.01
5-1.25U	-.76	.80	.81	6-38L	-.08	.08	.08
5-8U	-.41	.42	.43	6-44L	-.09	.09	.09
5-14U	.38	.38	.39	6-60L	-.11	.11	.11
5-19U	-.39	.39	.41	6-70L	-.01	.01	.01
5-38U	-.28	.30	.31	7-0C	-.03	.05	.08
5-44U	-.24	.24	.26	7-5U	-.58	.59	.59
5-60U	-.20	.22	.22	7-8U	-.45	.46	.46
5-70U	-.15	.15	.16	7-14U	-.38	.38	.39
5-80U	-.09	.09	.09	7-19U	-.35	.35	.36
5-90U	0	0	.01	7-38U	-.30	.30	.30
5-95U	.04	.04	.04	7-60U	-.19	.19	.20
5-1.25L	.47	.49	.49	7-90U	0	0	0
5-2.5L	.34	.35	.35	7-95U	.07	.07	.07
5-5L	.16	.18	.18	7-1.25L	.53	.53	.53
5-8L	-.12	.14	.14	7-2.5L	.35	.35	.36
5-14L	-.04	.05	.05	7-5L	.20	.20	.20
5-19L	-.03	.03	.03	7-8L	.12	.12	.12
5-38L	-.09	2.07	.09	7-14L	.03	.03	.03
5-44L	-.08	.08	.08	7-19L	-.01	.01	.01
5-60L	-.12	.12	.12	7-32L	-.05	.05	.05
5-70L	-.01	.01	.01	7-44L	-.08	.08	.08
5-90L	-.04	.04	.04	7-60L	-.09	.09	.09
5-95L	.07	.07	.07	7-70L	-.05	.05	.05
6-0C	.26	.23	.20	7-90L	-.04	.04	.04
6-5U	.58	.59	.59	7-95L	-.08	.08	.08
6-14U	.41	.41	.42	8-0C	-.01	.04	.07
6-19U	-.01	.01	.01	8-1.25U	-.80	.81	.82
6-32U	.28	.28	.30	8-2.5U	-.76	.77	.78
6-44U	.23	.24	.24	8-5U	-.51	.53	.53
6-60U	.19	.20	.20	8-8U	-.43	.45	.46
6-70U	.16	.16	.18	8-14U	-.35	.35	.36
6-80U	.07	.08	.08	8-19U	-.32	.32	.34
6-90U	0	0	0	8-60U	-.04	.05	.04
6-100C	.12	.12	.12	8-80U	-.04	.04	.04
6-1.25L	.51	.51	.53	8-90U	-.01	.01	.01
6-2.5L	.31	.31	.32	8-95U	-.08	.08	.08
6-5L	.19	.20	.20	8-100C	.15	.14	.14

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TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$	ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$
8-1.25L	.24	.39	.39	11-32U	-	.27	.14
8-2.5L	.12	.27	.27	12-32U	-	.27	.15
8-5L	-.03	.12	.12	TIP-32C	-	.28	.15
8-8L	-.09	.04	.04	11-32L	-	.22	.08
8-14L	-.14	0	0	10-32L	-	.22	.09
8-19L	-.16	.03	.03	10-70U	-	.18	.04
8-32L	-.20	.07	.07	11-70U	-	.19	.05
8-38L	-	.22	.08	12-70U	-	.20	.07
8-44L	-	.23	.09	TIP-70C	-	.15	.01
8-60L	-	.20	.05	12-70L	-	.28	.15
8-95L	-	.05	.08	11-70L	-	.20	.08
9-0C	.32	.45	.45	10-70L	-	.19	.05
9-1.25U	-.59	.49	.49	FIN-1	-	.15	.01
9-2.5U	-.61	.49	.49	FIN-2	-	.18	.04
9-5U	-.53	.41	.41	FIN-3	-	.14	.01
9-14U	-.37	.28	.28	FIN-4	-	.26	.12
9-19U	-.26	.26	.12	FIN-5	-	.16	.04
9-32U	-.34	.20	.22	FIN-6	-	.16	.04
9-44U	-.27	.14	.14	FIN-7	-	.30	.15
9-70U	-.14	0	0	FIN-8	-	.19	.05
9-80U	-.12	.01	0	FIN-9	-	.23	.09
9-100C	0	.14	.14	FIN-10	-	.22	.08
9-1.25L	.20	.35	.35	FIN-11	-	.22	.08
9-5L	0	.15	.15	FIN-12	-	.19	.05
9-8L	-.11	.04	.03	FIN-13	-	.22	.07
9-14L	-.16	.03	.03	FIN-14	-	.28	.15
9-19L	-.19	.05	.05	FIN-15	-	.20	.07
9-32L	-.26	.12	.12	FIN-16	-	.18	.04
9-38L	-.23	.09	.09	FIN-17	-	.15	.01
9-44L	-.19	.05	.05	FIN-18	-	.16	.03
9-70L	-.19	.05	.05	FIN-19	-	.20	.07
9-90L	-.08	.05	.05	FIN-20	-	.18	.04
9-95L	-.01	.12	.12	FIN-21	-	.27	.14
2S-60U	-.26	.14	.14	FIN-22	-	.20	.07
2S-60L	-.22	.08	.08	FIN-23	-	.19	.05
5S-60U	-.19	.05	.05	FIN-24	-	.15	.01
5S-60L	-.22	.08	.08	FIN-25	-	.35	.20
8S-60U	-.26	.12	.14	FIN-26	-	.28	.15
8S-60L	-.22	.08	.08	FIN-27	-	.23	.09
10-32U	-.14	0	0	FIN-28	-	.22	.08

TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$s_o = .20$	$s_o = .16$	$s_o = .12$	ORIFICE	$s_o = .20$	$s_o = .16$	$s_o = .12$
8-1.25L	.41	.42	.43	11-32U	-	.15	.14
8-2.5L	.28	.30	.31	12-32U	-	.15	.16
8-5L	.14	.14	.15	TIP-32C	-	.16	.18
8-8L	.05	.05	.05	11-32L	-	.08	.09
8-14L	- 0	.01	.01	10-32L	-	.08	.09
8-19L	- .03	.01	.01	10-70U	-	.05	.05
8-32L	- .07	.07	.07	11-70U	-	.07	.09
8-38L	- .08	.08	.08	12-70U	-	.08	.09
8-44L	- .09	.09	.09	TIP-70C	-	.01	.01
8-60L	- .05	.05	.07	12-70L	-	.16	.19
8-95L	.08	.08	.08	11-70L	-	.08	.09
9-0C	.42	.39	.36	10-70L	-	.05	.07
9-1.25U	- .51	.54	.57	FIN-1	-	.01	.01
9-2.5U	- .51	.54	.55	FIN-2	-	.04	.04
9-5U	- .42	.43	.45	FIN-3	-	0	0
9-14U	- .28	.30	.31	FIN-4	-	.12	.12
9-19U	- .27	.28	.28	FIN-5	-	.03	.03
9-32U	- .22	.23	.23	FIN-6	-	.03	.04
9-44U	- .14	.15	.15	FIN-7	-	.15	.15
9-70U	- 0	0	0	FIN-8	-	.05	.05
9-80U	- 0	0	0	FIN-9	-	.09	.09
9-100C	.14	.12	.12	FIN-10	-	.07	.08
9-1.25L	.36	.38	.39	FIN-11	-	.08	.08
9-5L	.15	.16	.16	FIN-12	-	.05	.05
9-8L	.04	.04	.05	FIN-13	-	.07	.05
9-14L	- .03	.01	.01	FIN-14	-	.15	.15
9-19L	- .05	.05	.05	FIN-15	-	.07	.07
9-32L	- .12	.12	.12	FIN-16	-	.04	.04
9-38L	- .09	.09	.09	FIN-17	-	.01	.01
9-44L	- .05	.05	.05	FIN-18	-	.03	.03
9-70L	- .05	.05	.05	FIN-19	-	.07	.07
9-90L	.05	.05	.05	FIN-20	-	.04	.04
9-95L	.12	.12	.12	FIN-21	-	.14	.12
2S-60U	- .15	.15	.15	FIN-22	-	.08	.07
2S-60L	- .08	.09	.09	FIN-23	-	.05	.05
5S-60U	- .05	.05	.05	FIN-24	-	.01	.01
5S-60L	- .08	.08	.08	FIN-25	-	.20	.20
8S-60U	- .14	.14	.15	FIN-26	-	.15	.15
8S-60L	- .07	.08	.08	FIN-27	-	.09	.08
10-32U	- 0	0	0	FIN-28	-	.08	.07

~~CONFIDENTIAL~~TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
8-1.25L	.44	.39	.45	11-32U	-	.15	.14
8-2.5L	.32	.27	.32	12-32U	-	.16	.15
8-5L	.16	.13	.16	TIP-32C	-	.17	.17
8-8L	.08	.06	.07	11-32L	-	.08	.08
8-14L	.03	.01	.01	10-32L	-	.08	.08
8-19L	- 0	.01	.01	10-70U	-	.05	.06
8-32L	- .05	.06	.07	11-70U	-	.08	.10
8-38L	- .07	.07	.08	12-70U	-	.09	.10
8-44L	- .08	.08	.09	TIP-70C	-	.01	0
8-60L	- .05	.06	.07	12-70L	-	.20	.19
8-95L	.09	.19	.07	11-70L	-	.08	.08
9-0C	.35	.30	.32	10-70L	-	.05	.06
9-1.25U	- .57	.54	.61	FIN-1	-	0	.01
9-2.5U	- .55	.51	.59	FIN-2	-	.03	.04
9-5U	- .44	.40	.47	FIN-3	-	.01	0
9-14U	- .29	.29	.32	FIN-4	-	.09	.10
9-19U	- .38	.26	.30	FIN-5	-	.01	.02
9-32U	- .21	.20	.24	FIN-6	-	.01	.02
9-44U	- .13	.14	.16	FIN-7	-	.13	.12
9-70U	.01	.01	.01	FIN-8	-	.04	.04
9-80U	.01	0	.01	FIN-9	-	.08	.08
9-100C	.13	.11	.12	FIN-10	-	.05	.06
9-1.25L	.40	.36	.41	FIN-11	-	.07	.07
9-5L	.19	.14	.18	FIN-12	-	.04	.05
9-8L	.07	.05	.05	FIN-13	-	.04	.05
9-14L	- 0	.01	.01	FIN-14	-	.12	.12
9-19L	- .03	.04	.05	FIN-15	-	.04	.06
9-32L	- .11	.11	.12	FIN-16	-	.03	.04
9-38L	- .08	.08	.09	FIN-17	-	0	.01
9-44L	- .04	.06	.07	FIN-18	-	.01	.02
9-70L	- .04	.05	.07	FIN-19	-	.05	.06
9-90L	.05	.04	.04	FIN-20	-	.03	.04
9-95L	.12	.21	.11	FIN-21	-	.11	.12
2S-60U	- .15	.14	.18	FIN-22	-	.05	.06
2S-60L	- .08	.08	.09	FIN-23	-	.04	.05
5S-60U	- .04	.06	.07	FIN-24	-	0	.01
5S-60L	- .08	.08	.09	FIN-25	-	.19	.18
8S-60U	- .13	.13	.16	FIN-26	-	.12	.13
8S-60L	- .07	.07	.08	FIN-27	-	.07	.07
10-32U	.01	0	0	FIN-28	-	.05	.07

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TABLE 8. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
8-1.25L	.47	.48	.47	11-32U	-	.15	-
8-2.5L	.35	.35	.35	12-32U	-	.17	-
8-5L	.19	.19	.05	TIP-32C	-	.19	-
8-8L	.09	.09	.09	11-32L	-	.08	-
8-14L	.04	.04	.03	10-32L	-	.08	-
8-19L	- 0	.01	- 0	10-70U	-	.05	-
8-32L	-	.05	-	11-70U	-	.11	-
8-38L	-	.07	-	.08	12-70U	.12	-
8-44L	-	.08	-	.09	TIP-70C	-	0
8-60L	-	.05	-	.07	12-70L	.23	-
8-95L	.08	.08	.07	11-70L	.09	-	.11
9-0C	.31	.28	.26	10-70L	.07	-	.08
9-1.25U	-	.61	-	.64	FIN-1	0	-
9-2.5U	-	.60	-	.65	FIN-2	.01	-
9-5U	-	.47	-	.50	FIN-3	.01	-
9-14U	-	.32	-	.35	FIN-4	.09	-
9-19U	-	.29	-	.32	FIN-5	.01	-
9-32U	-	.23	-	.26	FIN-6	.01	-
9-44U	-	.15	-	.16	FIN-7	.12	-
9-70U	-	0	-	.01	FIN-8	.04	-
9-80U	-	0	-	.01	FIN-9	.08	-
9-100C	.13	.13	.12	FIN-10	.07	-	.07
9-1.25L	.43	.44	.43	FIN-11	.07	-	.08
9-5L	.19	.05	.19	FIN-12	.04	-	.05
9-8L	.07	.21	.07	FIN-13	.04	-	.04
9-14L	0	.01	- 0	FIN-14	.13	-	.14
9-19L	-	.03	-	.04	FIN-15	.05	-
9-32L	-	.11	-	.12	FIN-16	.03	-
9-38L	-	.08	-	.09	FIN-17	0	-
9-44L	-	.05	-	.05	FIN-18	.01	-
9-70L	-	.05	-	.07	FIN-19	.05	-
9-90L	.05	.05	.04	FIN-20	.03	-	.04
9-95L	.12	.12	.11	FIN-21	.11	-	.12
2S-60U	-	.17	-	.20	FIN-22	.05	-
2S-60L	-	.08	-	.11	FIN-23	.04	-
5S-60U	-	.05	-	.07	FIN-24	0	-
5S-60L	-	.08	-	.09	FIN-25	.17	-
8S-60U	-	.15	-	.16	FIN-26	.13	-
8S-60L	-	.07	-	.08	FIN-27	.07	-
10-32U	-	.01	-	0	FIN-28	.05	-

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TABLE 8. - CONTINUED
(b) - Concluded

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
8-1.25L	.48	.48	.49	11-32U	-	.17	.19
8-2.5L	.36	.36	.37	12-32U	-	.20	.22
8-5L	.20	.19	.19	TIP-32C	-	.21	.23
8-8L	.11	.10	.10	11-32L	-	.08	.11
8-14L	.04	.03	.03	10-32L	-	.08	.10
8-19L	.01	0	0	10-70U	-	.07	.08
8-32L	.05	.07	.07	11-70U	-	.13	.15
8-38L	-	.07	.08	12-70U	-	.13	.16
8-44L	-	.08	.10	TIP-70C	-	0	0
8-60L	-	.05	.08	12-70L	-	.27	.29
8-95L	.08	.07	.07	11-70L	-	.11	.12
9-0C	.25	.23	.21	10-70L	-	.07	.08
9-1.25U	-	.61	.66	FIN-1	-	0	.01
9-2.5U	-	.64	.68	FIN-2	-	.01	.03
9-5U	-	.48	.52	FIN-3	-	.03	.01
9-14U	-	.33	.37	FIN-4	-	.08	.11
9-19U	-	.31	.34	FIN-5	-	.01	.03
9-32U	-	.24	.26	FIN-6	-	.01	.03
9-44U	-	.16	.18	FIN-7	-	.12	.12
9-70U	-	.01	.03	FIN-8	-	.03	.04
9-80U	-	0	.01	FIN-9	-	.07	.08
9-100C	-	.13	.11	FIN-10	-	.05	.07
9-1.25L	-	.45	.45	FIN-11	-	.07	.08
9-5L	-	.20	.19	FIN-12	-	.04	.05
9-8L	-	.08	.07	FIN-13	-	.03	.04
9-14L	-	.01	0	FIN-14	-	.12	.14
9-19L	-	.03	.04	FIN-15	-	.04	.05
9-32L	-	.11	.12	FIN-16	-	.03	.04
9-38L	-	.08	.10	FIN-17	-	.01	0
9-44L	-	.05	.07	FIN-18	-	.01	.03
9-70L	-	.05	.07	FIN-19	-	.05	.07
9-90L	-	.05	.04	FIN-20	-	.03	.04
9-95L	-	.12	.11	FIN-21	-	.12	.14
2S-60U	-	.20	.22	FIN-22	-	.05	.08
2S-60L	-	.09	.11	FIN-23	-	.04	.07
5S-60U	-	.07	.08	FIN-24	-	0	0
5S-60L	-	.08	.10	FIN-25	-	.19	.21
8S-60U	-	.16	.18	FIN-26	-	.13	.15
8S-60L	-	.07	.10	FIN-27	-	.08	.10
10-32U	-	.01	0	FIN-28	-	.33	.08

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TABLE 8. - CONTINUED
(c) $\alpha, 12^\circ$.

ORIFICE	$s_e = .32$	$s_e = .28$	$s_e = .24$	ORIFICE	$s_e = .32$	$s_e = .28$	$s_e = .24$
1-OC	.41	.43	.44	3-1.25U	-	.83	.85
1-1.25U	.33	.31	.31	3-3U	-	.44	.45
1-2.5U	.23	.21	.20	3-14U	-	.35	.37
1-5U	.13	.11	.09	3-19U	-	.32	.33
1-8U	.05	.04	.03	3-32U	-	.23	.24
1-14J	0	0	.03	3-6CU	-	.12	.12
1-19U	.07	.08	.09	3-70U	-	.04	.08
1-32U	.09	.11	.12	3-95U	-	.05	.05
1-70U	.12	.13	.13	3-1.25L	5.5	5.6	5.6
1-80U	.05	.05	.07	3-2.5L	-	.40	.41
1-90U	.03	.03	.03	3-5L	-	.24	.24
1-95U	.05	.04	.04	3-8L	-	.20	.20
1-2.5L	.19	.19	.17	3-14L	-	.12	.12
1-5L	.15	.15	.15	3-32L	-	.01	.03
1-14L	.04	.04	.04	3-38L	-	.01	.01
1-19L	.03	.03	.03	3-60L	-	.05	.05
1-32L	.03	.03	.03	3-80L	-	.01	0
1-38L	.01	.01	.01	3-95L	-	.05	.05
1-60L	.04	.04	.04	4-OC	-	.12	.19
1-70L	.01	.03	.03	4-1.25U	9.3	9.6	10.0
1-80L	0	0	0	4-2.5U	-	.77	.79
2-1.25U	.39	.43	.44	4-14U	-	.48	.49
2-2.5U	.31	.32	.35	4-19U	-	.36	.36
2-5U	.27	.28	.31	4-32U	-	.27	.28
2-32U	.16	.19	.17	4-38U	-	.24	.27
2-38U	.01	.03	.04	4-60U	-	.19	.20
2-44U	.11	.13	.15	4-70U	-	.08	.08
2-70U	.07	.07	.08	4-90U	-	.03	.03
2-80U	.04	.04	.04	4-95U	-	.08	.08
2-95U	.05	.04	.04	4-100C	-	.12	.12
2-100C	.05	.04	.04	4-2.5L	-	.44	.45
2-1.25L	.28	.28	.29	4-5L	-	.39	.39
2-2.5L	.21	.21	.23	4-8L	-	.23	.23
2-5L	.15	.15	.15	4-14L	-	.08	.09
2-14L	.08	.08	.09	4-19L	-	.05	.07
2-32L	.01	.01	.03	4-32L	-	.03	.04
2-38L	.01	0	0	4-38L	-	.03	.03
2-44L	.01	.01	.01	4-44L	-	.03	.03
2-70L	.04	.04	.04	4-60L	-	.04	.04
2-95L	.05	.05	.05	4-80L	-	.01	.01

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$	ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$
1-OC	.47	.45	.45	3-1.25U	-	.93	.99
1-1.25U	.29	.28	.35	3-8U	-	.49	.52
1-2.5U	.20	.19	.19	3-14U	-	.40	.41
1-5U	.09	.08	.08	3-19U	-	.36	.39
1-8U	.01	0	0	3-32U	-	.25	.27
1-14U	-	.04	.04	3-60U	-	.13	.15
1-19U	-	.11	.12	3-70U	-	.07	.07
1-32U	-	.13	.15	3-95U	-	.05	.04
1-70U	-	.13	.15	3-1.25L	-	.56	.57
1-80U	-	.07	.08	3-2.5L	-	.41	.44
1-90U	-	.04	.04	3-5L	-	.27	.27
1-95U	-	.03	.03	3-8L	-	.21	.21
1-2.5L	-	.17	.17	3-14L	-	.12	.13
1-5L	-	.15	.13	3-32L	-	.03	.03
1-14L	-	.04	.03	3-38L	-	.01	.01
1-19L	-	.03	.01	3-60L	-	.05	.05
1-32L	-	.03	.04	3-80L	-	.01	0
1-38L	-	.01	0	3-95L	-	.05	.04
1-60L	-	.04	.04	4-0C	-	.27	.33
1-70L	-	.03	.01	4-1.25U	-	1.04	1.09
1-80L	-	0	0	4-2.5U	-	.81	.83
2-1.25U	-	.45	.48	4-14U	-	.52	.53
2-2.5U	-	.36	.40	4-19U	-	.39	.40
2-5U	-	.32	.35	4-32U	-	.31	.31
2-32U	-	.20	.23	4-38U	-	.28	.29
2-38U	-	.25	.27	4-60U	-	.21	.21
2-44U	-	.16	.16	4-70U	-	.09	.09
2-70U	-	.09	.11	4-90U	-	.03	.03
2-80U	-	.05	.08	4-95U	-	.08	.08
2-95U	-	.04	.03	4-100C	-	.12	.11
2-100C	-	.04	.03	4-2.5L	-	.47	.48
2-1.25L	-	.28	.31	4-5L	-	.32	.33
2-2.5L	-	.21	.24	4-8L	-	.24	.25
2-5L	-	.15	.16	4-14L	-	.11	.11
2-14L	-	.08	.09	4-19L	-	.07	.08
2-32L	-	.01	.03	4-32L	-	.04	.04
2-38L	-	0	0	4-38L	-	.03	.03
2-44L	-	0	0	4-44L	-	.03	.03
2-70L	-	.04	1.80	4-60L	-	.04	.04
2-95L	-	.04	.04	4-80L	-	.03	.01

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$	ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$
1-OC	.47	.48	.48	3-1.25U	-	1.05	-
1-1.25U	.35	.34	.34	3-8U	-	5.5	-
1-2.5U	.16	.15	.15	3-14U	-	.45	-
1-5U	.05	.04	.04	3-19U	-	.40	-
1-8U	-	.03	.04	3-32U	-	.29	-
1-14U	-	.07	.08	3-60U	-	.16	-
1-19U	-	.15	.16	3-70U	-	.08	-
1-32U	-	.19	.20	3-95U	-	.04	-
1-70U	-	.16	.16	3-1.25L	-	5.9	-
1-80U	-	.03	.11	3-2.5L	-	.44	-
1-90U	-	.05	.07	3-5L	-	.28	-
1-95U	.01	0	0	3-8L	-	.21	-
1-2.5L	-	.16	.15	3-14L	-	.13	-
1-5L	-	.12	.12	3-32L	-	.03	-
1-14L	-	.03	.01	3-38L	-	.01	-
1-19L	-	.01	.01	3-60L	-	.05	-
1-32L	-	.04	.04	3-80L	-	0	-
1-38L	-	.01	0	3-95L	-	.04	-
1-60L	-	.04	.04	4-0C	-	.44	-
1-70L	-	.03	.03	4-1.25U	-	1.15	-
1-80L	-	.01	.01	4-2.5U	-	.87	-
2-1.25U	-	.49	.39	4-14U	-	.56	-
2-2.5U	-	.44	.47	4-19U	-	.43	-
2-5U	-	.39	.40	4-32U	-	.32	-
2-32U	-	.24	.25	4-38U	-	.31	-
2-38U	-	.29	.31	4-60U	-	.24	-
2-44U	-	.19	.13	4-70U	-	.11	-
2-70U	-	.07	.13	4-90U	-	.01	-
2-80U	0	-	.07	4-95U	-	.07	-
2-95U	.03	-	.03	4-100C	-	.11	-
2-100C	.01	-	.01	4-2.5L	-	.48	-
2-1.25L	.31	-	.31	4-5L	-	.33	-
2-2.5L	.24	-	.25	4-8L	-	.25	-
2-5L	.16	-	.17	4-14L	-	.11	-
2-14L	.09	-	.11	4-19L	-	.08	-
2-32L	.03	-	.03	4-32L	-	.04	-
2-38L	.01	-	.01	4-38L	-	.03	-
2-44L	0	-	0	4-44L	-	.03	-
2-70L	.04	-	.04	4-60L	-	.04	-
2-95L	.03	-	.03	4-80L	-	.01	-

~~CONFIDENTIAL~~TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
1-OC	.49	.49	.49	3-1.25U	-	1.19	-
1-1.25U	.23	.23	.23	3-8U	-	61	-
1-2.5U	.13	.12	.12	3-14U	-	.49	-
1-5U	.03	.01	.01	3-19U	-	.45	-
1-8U	-	.05	-	3-32U	-	.33	-
1-14U	-	.11	-	3-60U	-	.19	-
1-19U	-	.19	-	3-70U	-	.11	-
1-32U	-	.23	-	3-95U	-	.03	-
1-70L	-	.19	-	3-1.25L	-	60	-
1-80U	-	.13	-	3-2.5L	-	.47	-
1-90U	-	.08	-	3-5L	-	.29	-
1-95U	-	.01	-	3-8L	-	.24	-
1-2.5L	-	.15	-	3-14L	-	.15	-
1-5L	-	.12	-	3-32L	-	.03	-
1-14L	-	.03	-	3-38L	-	.01	-
1-19L	-	.01	-	3-60L	-	.05	-
1-32L	-	.04	-	3-80L	-	0	-
1-38L	-	0	-	3-95L	-	.03	-
1-60L	-	.04	-	4-OC	-	.55	-
1-70L	-	.03	-	4-1.25U	-	1.25	-
1-80L	-	.01	-	4-2.5U	-	.97	-
2-1.25U	-	.47	-	4-14U	-	.61	-
2-2.5U	-	.52	-	4-19U	-	.47	-
2-5U	-	.44	-	4-32U	-	.36	-
2-32U	-	.29	-	4-38U	-	.32	-
2-38U	-	.33	-	4-60U	-	.25	-
2-14U	-	.17	-	4-70U	-	.12	-
2-70U	-	.16	-	4-90U	-	.01	-
2-80U	-	.09	-	4-95U	-	.07	-
2-95U	-	.01	-	4-100C	-	.09	-
2-100C	-	0	-	4-2.5L	-	.51	-
2-1.25L	-	.31	-	4-5L	-	3.6	-
2-2.5L	-	.25	-	4-8L	-	.27	-
2-5L	-	.19	-	4-14L	-	.12	-
2-14L	-	.11	-	4-19L	-	.09	-
2-32L	-	.03	-	4-32L	-	.05	-
2-38L	-	.01	-	4-38L	-	.01	-
2-14L	-	0	-	4-44L	-	.01	-
2-70L	-	.04	-	4-60L	-	.04	-
2-95L	-	.03	-	4-80L	-	.01	-

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 TABLE 8. - CONTINUED
 (c) - Continued

ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$	ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$
1-OC	.50	.51	.50	3-1.25U	-	1.34	-
1-1.25U	.20	.19	.19	3-8U	-	.66	-
1-2.5U	.09	-.05	.08	3-14U	-	.54	-.58
1-5U	-	0	-.03	3-19U	-	.50	-.53
1-8U	-	.09	-.11	3-32U	-	.36	-.40
1-14U	-	.14	-.16	3-60U	-	.20	-.23
1-19U	-	.23	-.26	3-70U	-	.12	-.14
1-32U	-	.27	-.30	3-95U	-	.03	-.01
1-70U	-	.22	-.25	3-1.25L	-	.61	-.60
1-80U	-	.18	-.21	3-2.5L	-	.49	-.48
1-90U	-	.12	-.14	3-5L	-	.31	-.30
1-95U	-	.04	-.07	3-8L	-	.26	-.25
1-2.5L	-	.14	-.16	3-14L	-	.15	-.14
1-5L	-	.11	-.15	3-32L	-	.03	-.01
1-14L	-	.01	-.04	3-38L	-	.01	-.03
1-19L	-	0	-.03	3-60L	-	.07	-.08
1-32L	-	.04	-.03	3-80L	-	.01	-.03
1-38L	-	0	-.03	3-95L	-	.03	-.01
1-60L	-	.04	-.05	4-0C	-	.70	-.95
1-70L	-	.04	-.05	4-1.25U	-	1.34	1.40
1-80L	-	.03	-.04	4-2.5U	-	1.05	1.10
2-1.25U	-	.57	-.63	4-14U	-	.66	-.68
2-2.5U	-	.59	-.62	4-19U	-	.51	-.53
2-5U	-	.50	-.53	4-32U	-	.39	-.41
2-32U	-	.34	-.30	4-38U	-	.35	-.38
2-38U	-	.38	-.41	4-60U	-	.27	-.30
2-44U	-	.22	-.25	4-70U	-	.14	-.15
2-70U	-	.20	-.23	4-90U	-	0	-.01
2-80U	-	.11	-.14	4-95U	-	.05	-.04
2-95U	-	.01	-.03	4-100C	-	.09	-.08
2-100C	-	.03	-.04	4-2.5L	-	.53	-.52
2-1.25L	-	.32	-.30	4-5L	-	.38	-.37
2-2.5L	-	.27	-.25	4-8L	-	.28	-.27
2-5L	-	.20	-.18	4-14L	-	.14	-.13
2-14L	-	.12	-.04	4-19L	-	.09	-.08
2-32L	-	.03	-.01	4-32L	-	.05	-.04
2-38L	-	.01	0	4-38L	-	.01	-.03
2-44L	-	0	-.01	4-44L	-	.01	-.03
2-70L	-	.03	-.01	4-60L	-	.04	-.05
2-95L	-	.01	-.01	4-80L	-	.01	-.01

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$	ORIFICE	$\delta_e = -3.2$	$\delta_e = -2.8$	$\delta_e = -2.4$
4-90L	.05	.05	.04	6-8L	.27	.28	.28
4-95L	.07	.07	.07	6-14L	.15	.16	.16
5-0C	-.30	-.36	-	6-19L	.11	.12	.12
5-1.25U	-.1.19	-.1.23	-.1.27	6-38L	-.0	-.0	-.0
5-8U	-.50	-.52	-.53	6-44L	-.03	-.03	-.03
5-14U	.42	.43	.44	6-60L	-.05	-.05	-.05
5-19U	-.42	-.41	-.43	6-70L	-.03	-.03	-.03
5-38U	-.27	-.28	-.28	7-0C	-.91	-.97	-.97
5-44U	-.22	-.23	-.23	7-5U	-.76	-.77	-.77
5-60U	-.16	-.17	-.17	7-8U	-.57	-.59	-.60
5-70U	-.12	-.12	-.12	7-14U	-.45	-.45	-.45
5-80U	-.05	-.05	-.07	7-19U	-.39	-.40	-.40
5-90U	.03	.03	.03	7-38U	-.28	-.29	-.29
5-95U	.07	.05	.07	7-60U	-.16	-.16	-.16
5-1.25L	.61	.60	.61	7-90U	-.03	-.03	-.03
5-2.5L	.50	.49	.51	7-95U	-.08	-.08	-.08
5-5L	.32	.32	.33	7-1.25L	.62	.63	.63
5-8L	.24	.24	.24	7-2.5L	.51	.51	.51
5-14L	.15	.15	.15	7-5L	.35	.36	.36
5-19L	.08	.09	.09	7-8L	.26	.25	.25
5-38L	-.0	-.0	-.0	7-14L	.15	.15	.15
5-44L	-.01	-.01	-.01	7-19L	.09	.09	.09
5-60L	-.07	-.07	-.07	7-32L	.01	.03	.03
5-70L	-.03	-.03	-.03	7-44L	-.01	-.01	-.01
5-90L	-.05	-.05	-.05	7-60L	-.04	-.04	-.04
5-95L	-.08	-.08	-.08	7-70L	-.03	-.03	-.03
6-0C	-.43	-.48	-.49	7-90L	-.05	-.05	-.05
6-5U	-.74	-.76	-.77	7-95L	-.08	-.08	-.08
6-14U	-.46	-.47	-.48	8-0C	-.93	-.99	-.97
6-19U	-.0	-.0	-.0	8-1.25U	-.1.20	-.1.24	-.1.24
6-32U	-.31	-.31	-.32	8-2.5U	-.1.03	-.1.04	-.1.05
6-44U	-.24	-.24	-.25	8-5U	-.72	-.73	-.73
6-60U	-.16	-.16	-.17	8-8U	-.58	-.59	-.59
6-70U	-.14	-.13	-.13	8-14U	-.43	-.43	-.43
6-80U	-.04	-.04	-.04	8-19U	-.36	-.37	-.37
6-90U	.03	.03	.03	8-60U	-.01	-.01	-.01
6-100C	.12	.12	.12	8-80U	-.01	-.01	-.01
6-1.25L	.64	.63	.63	8-90U	-.04	-.04	-.04
6-2.5L	.47	.61	.48	8-95U	-.04	-.03	-.04
6-5L	.35	.36	.36	8-100C	.14	.13	.13

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
4-90L	.07	.04	.04	6-8L	.29	.29	.29
4-95L	2.07	.07	.07	6-14L	.16	.16	.17
5-0C	-.48	-.53	-	6-19L	.13	.13	.13
5-1.25U	-.1	1.35	1.40	6-38L	-.0	-.0	-.0
5-8U	-.56	-.57	-.59	6-44L	-.03	-.03	-.03
5-14U	-.45	-.47	-.48	6-60L	-.05	-.05	-.05
5-19U	-.44	-.45	-.47	6-70L	-.03	-.03	-.03
5-38U	-.29	-.29	-.31	7-0C	1.09	1.13	1.23
5-44U	-.24	-.25	-.25	7-5U	.81	.83	.84
5-60U	-.19	-.20	-.20	7-8U	.61	.63	.64
5-70U	-.12	-.13	-.13	7-14U	.47	.48	.49
5-80U	-.05	-.07	-.07	7-19U	.41	.43	.43
5-90U	.03	.01	.01	7-38U	.29	.29	.31
5-95U	.05	.05	.05	7-60U	.17	.17	.17
5-1.25L	.61	.63	.63	7-90U	.03	.03	.03
5-2.5L	.51	.52	.52	7-95U	.08	.08	.07
5-5L	.35	.35	.35	7-1.25L	.64	.64	.64
5-8L	.25	.27	.27	7-2.5L	.52	.52	.53
5-14L	.16	.16	.16	7-5L	.37	.37	.39
5-19L	.09	.11	.11	7-8L	.27	.27	.28
5-38L	0	0	0	7-14L	.16	0	0
5-44L	0	0	0	7-19L	.11	.11	.11
5-60L	.07	.07	.07	7-32L	.03	.03	.03
5-70L	.03	.03	.03	7-44L	.01	.01	.01
5-90L	.05	.05	.05	7-60L	.04	.04	.04
5-95L	.08	.08	.08	7-70L	.03	.03	.03
6-0C	.60	.64	.71	7-90L	.05	.04	.04
6-5U	.81	.83	.84	7-95L	.08	.08	.08
6-14U	.49	.49	.52	8-0C	1.09	1.12	1.21
6-19U	.01	0	0	8-1.25U	1.29	1.32	1.36
6-32U	.32	.33	.33	8-2.5U	1.09	1.11	1.13
6-44U	.25	.27	.27	8-5U	.76	.77	.79
6-60U	.17	.19	.19	8-8U	.61	.61	.63
6-70U	.13	.15	.15	8-14U	.44	.45	.47
6-80U	.05	.05	.05	8-19U	.39	.40	.41
6-90U	.03	.03	.03	8-60U	.03	.03	.03
6-100C	.11	.11	.11	8-80U	.03	.03	.03
6-1.25L	.64	.64	.64	8-90U	.04	.04	.04
6-2.5L	.49	.51	.51	8-95U	0.3	0.4	0.4
6-5L	.37	.37	.37	8-100C	.13	.13	.13

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	.04	.04	.04	6-8L	.31	.31	.31
4-95L	.07	.05	.05	6-14L	.18	.17	.17
5-0C	-.65	-.68	-.73	6-19L	.14	.13	.13
5-1.25U	-1.53	1.52	1.57	6-38L	0	0	0
5-8U	-.61	-.61	.63	6-44L	.03	.01	.03
5-14U	-.50	-.49	-.52	6-60L	.05	.05	.05
5-19U	2.00	.48	.49	6-70L	.03	.03	.03
5-38U	-.32	.31	.32	7-0C	1.31	1.29	1.37
5-44U	-.26	.27	.27	7-5U	.88	.87	.89
5-60U	-.20	.20	.21	7-8U	.66	.65	.68
5-70U	-.14	.13	.15	7-14U	.50	.49	.52
5-80U	-.07	.07	.08	7-19U	.45	.44	.45
5-90U	.01	.01	.01	7-38U	.32	.32	.33
5-95U	.05	.05	.05	7-60U	.19	.19	.17
5-1.25L	.64	.64	.64	7-90U	.03	.03	.03
5-2.5L	.53	.53	.53	7-95U	.07	.08	.07
5-5L	.36	.36	.37	7-1.25L	.65	.64	.64
5-8L	.27	.27	.28	7-2.5L	.54	.53	.53
5-14L	.18	.17	.17	7-5L	.39	.41	.39
5-19L	.11	.11	.11	7-8L	.28	.28	.29
5-38L	0	0	0	7-14L	.18	.17	.17
5-44L	0	0	0	7-19L	.12	.11	.12
5-60L	.07	.07	.07	7-32L	.04	.03	.03
5-70L	.03	.03	.03	7-44L	.01	.01	.01
5-90L	.05	.05	.05	7-60L	.04	.04	.04
5-95L	.08	.08	.07	7-70L	.03	.03	.03
6-0C	.77	.77	.84	7-90L	.04	.04	.04
6-5U	.88	.87	.89	7-95L	.08	.08	.08
6-14U	.54	.51	.55	8-0C	1.28	1.27	1.35
6-19U	.01	.01	0	8-1.25U	1.41	1.39	1.43
6-32U	.34	.31	.32	8-2.5U	1.18	1.16	1.20
6-44U	.27	.24	.25	8-5U	.81	.80	.83
6-60U	.19	.20	.20	8-8U	.65	.64	.67
6-70U	.15	.15	.16	8-14U	.47	.47	.48
6-80U	.05	.05	.05	8-19U	.42	.41	.43
6-90U	.03	.03	.03	8-60U	.03	.01	.01
6-100C	.11	.11	.11	8-80U	.03	.03	.03
6-1.25L	.66	.65	.65	8-90U	0	.04	.04
6-2.5L	.51	.51	.52	8-95U	.04	.03	.04
6-5L	.39	.39	.39	8-100C	.14	.13	.12

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
4-90L	.04	.03	.04	6-8L	.32	.32	.32
4-95L	.05	.05	.05	6-14L	.19	.19	.19
5-0C	-.84	-.88	-.95	6-19L	.15	.15	.15
5-1.25U	-1.63	1.66	1.67	6-38L	.01	.01	0
5-8U	-.65	-.68	-.68	6-44L	-.01	-.01	.01
5-14U	-.53	-.55	-.56	6-60L	-.05	-.05	.05
5-19U	-.51	-.53	-.52	6-70L	-.04	-.03	.04
5-38U	-.33	-.34	-.35	7-0C	-.1.47	1.53	1.56
5-44U	-.28	-.30	-.29	7-5U	-.91	-.93	.93
5-60U	-.21	-.22	-.23	7-8U	-.69	-.72	.71
5-70U	-.15	-.16	-.16	7-14U	-.52	-.54	.55
5-80U	-.08	-.08	-.08	7-19U	-.47	-.47	.48
5-90U	.01	0	0	7-38U	-.33	-.34	.35
5-95U	.05	.05	.04	7-60U	-.19	-.19	.20
5-1.25L	.64	.65	.64	7-90U	-.03	-.03	.01
5-2.5L	.55	.55	.56	7-95U	-.07	-.07	.07
5-5L	.37	.39	.39	7-1.25L	.65	.65	.65
5-8L	.29	.30	.29	7-2.5L	.56	.55	.56
5-14L	.19	.19	.20	7-5L	.40	.41	.41
5-19L	.12	.12	.12	7-8L	.29	.31	.31
5-38L	.01	0	.01	7-14L	.17	.18	.19
5-44L	-.0	0	0	7-19L	.12	.12	.12
5-60L	-.07	-.07	-.07	7-32L	.04	.04	.04
5-70L	-.03	-.03	-.03	7-44L	.01	-.01	.01
5-90L	.05	.04	.04	7-60L	-.04	-.04	.04
5-95L	.08	.08	.08	7-70L	-.03	-.03	.03
6-0C	-.92	-.97	1.03	7-90L	.04	.04	.04
6-5U	-.92	-.95	-.96	7-95L	.07	.08	.07
6-14U	-.56	-.57	-.57	8-0C	-.1.40	1.47	1.48
6-19U	-.0	0	0	8-1.25U	-.1.47	1.51	1.51
6-32U	-.33	-.34	-.35	8-2.5U	-.1.21	1.24	1.24
6-44U	-.27	-.27	-.28	8-5U	-.84	-.86	.87
6-60U	-.20	-.20	-.21	8-8U	-.68	-.70	.69
6-70U	-.16	-.16	-.16	8-14U	-.49	-.50	.51
6-80U	-.07	-.07	-.07	8-19U	-.43	-.45	.44
6-90U	.03	.03	.03	8-60U	-.39	0	0
6-100C	.11	.11	.11	8-80U	-.03	-.03	.03
6-1.25L	.65	.66	.65	8-90U	-.03	-.03	.03
6-2.5L	.53	.54	.53	8-95U	-.17	-.04	.04
6-5L	.40	.41	.41	8-100C	-.12	.12	.12

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
4-90L	.03	.03	.03	6-8L	.32	.32	.07
4-95L	.05	.05	.05	6-14L	.19	.19	.19
5-0C	-.99	-1.01	-1.11	6-19L	.15	.15	.15
5-1.25U	-1.69	-1.68	-1.68	6-38L	.01	.01	.01
5-8U	-.70	-.70	.73	6-44L	-.01	-.03	-.01
5-14U	-.57	-.58	.59	6-60L	-.05	-.05	.05
5-19U	-.54	-.55	.57	6-70L	.04	.03	.04
5-38U	-.35	-.36	.36	7-0C	1.61	1.61	1.53
5-44U	-.30	-.31	.31	7-5U	.96	.97	.99
5-60U	-.23	-.23	.24	7-8U	.73	.73	.76
5-70U	-.16	-.16	.16	7-14U	.55	.57	.57
5-80U	-.08	-.09	.09	7-19U	.49	.50	.50
5-90U	-.0	-.0	-.0	7-38U	.35	.35	.36
5-95U	.04	.04	.04	7-60U	.20	.20	.20
5-1.25L	.66	.66	.66	7-90U	.01	.01	.01
5-2.5L	.57	.57	.57	7-95U	.07	.07	.07
5-5L	.39	.39	.41	7-1.25L	.66	.66	.66
5-8L	.30	.30	.31	7-2.5L	.57	.57	0
5-14L	.20	.20	.20	7-5L	.41	.41	.42
5-19L	.53	.12	.12	7-8L	.31	.31	.31
5-38L	-.0	-.0	.01	7-14L	.19	.18	.19
5-44L	-.0	-.0	-.0	7-19L	.12	.12	.14
5-60L	-.07	-.07	.07	7-32L	.04	.04	.04
5-70L	-.03	-.03	.03	7-44L	-.01	-.01	.01
5-90L	-.04	-.04	.04	7-60L	-.04	-.04	.04
5-95L	-.07	-.07	.07	7-70L	-.03	-.03	-.03
6-0C	1.05	1.07	1.18	7-90L	.04	.04	.04
6-5U	.97	.99	1.01	7-95L	.07	.07	.07
6-14U	.58	.59	.59	8-0C	1.54	1.54	1.62
6-19U	-.0	-.0	-.0	8-1.25U	1.55	1.55	1.59
6-32U	.36	.36	.38	8-2.5U	1.28	1.28	1.31
6-44U	.28	.30	.30	8-5U	.89	.89	.91
6-60U	.22	.22	.23	8-8U	.70	.70	.73
6-70U	.16	.16	.18	8-14U	.51	.53	.53
6-80U	.07	.07	.07	8-19U	.46	.46	.47
6-90U	.03	.03	.03	8-60U	-.0	-.0	-.0
6-100C	.11	.11	.09	8-80U	-.03	-.04	-.04
6-1.25L	.66	.66	.66	8-90U	.03	.03	.03
6-2.5L	.54	.54	.55	8-95U	.18	.04	.05
6-5L	.42	.42	.43	8-100C	.12	.12	.12

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$	ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$
8-1.25L	.59	.59	.60	11-32U	-	.23	.24
8-2.5L	.50	.51	.49	12-32U	-	.34	.36
8-5L	.34	-.07	.33	TIP-32C	-	.41	.42
8-8L	.23	.23	.23	11-32L	-	.14	.15
8-14L	.14	.12	.13	10-32L	-	.08	.08
8-19L	.08	.09	.09	10-70U	-	.08	.09
8-32L	0	0	0	11-70U	-	.34	.36
8-38L	-	.01	-.01	12-70U	-	.23	.23
8-44L	-	.04	-.04	TIP-70C	-	.01	.01
8-60L	-	.04	-.04	12-70L	-	.50	.53
8-95L	-	.07	-.07	11-70L	-	.18	.19
9-0C	-	.49	-.54	10-70L	-	.09	.09
9-1.25U	-	1.00	.32	FIN-1	0	0	.01
9-2.5U	-	.93	.96	FIN-2	-	.05	.05
9-5U	-	.69	-.70	FIN-3	-	.01	0
9-14U	-	.42	.42	FIN-4	-	.12	.14
9-19U	-	.35	.36	FIN-5	-	.03	.04
9-32U	-	.26	-.26	FIN-6	-	.03	.04
9-44U	-	.16	-.16	FIN-7	-	.11	.09
9-70U	-	0	0	FIN-8	-	.01	.01
9-80U	-	0	0	FIN-9	-	.07	.07
9-100C	-	.11	.09	FIN-10	-	.07	.07
9-1.25L	-	.57	.58	FIN-11	-	.08	.08
9-5L	-	.32	.32	FIN-12	-	.05	.05
9-8L	-	.19	.20	FIN-13	-	.03	0
9-14L	-	.09	.09	FIN-14	-	.11	.11
9-19L	-	.04	.04	FIN-15	-	.04	.04
9-32L	-	.07	-.07	FIN-16	-	.01	.03
9-38L	-	.04	-.05	FIN-17	0	0	0
9-44L	-	.03	-.03	FIN-18	-	.01	.01
9-70L	-	.05	-.07	FIN-19	-	.07	.07
9-90L	-	.04	.04	FIN-20	-	.03	.03
9-95L	-	.11	.11	FIN-21	-	.12	.12
2S-60U	-	.14	-.14	FIN-22	-	.05	.07
2S-60L	-	.05	-.05	FIN-23	-	.05	.05
5S-60U	-	.04	-.04	FIN-24	-	.01	0
5S-60L	-	.03	-.04	FIN-25	-	.20	.20
8S-60U	-	.14	-.14	FIN-26	-	.15	.15
8S-60L	-	.04	-.04	FIN-27	-	.09	.08
10-32U	-	.01	-.01	FIN-28	-	.07	.07

TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$	ORIFICE	$\delta_e = -.20$	$\delta_e = -.16$	$\delta_e = -.12$
8-1.25L	.61	.61	.61	11-32U	-.26	-.26	-.27
8-2.5L	.51	.51	.53	12-32U	-.38	-.39	-.41
8-5L	.35	.35	.36	TIP-32C	-.43	-.45	-.47
8-8L	.24	.24	.26	11-32L	-.15	-.15	-.15
8-14L	.14	.14	.14	10-32L	-.08	-.08	-.08
8-19L	-.09	.09	.09	10-70U	-.09	-.09	-.11
8-32L	-.0	0	.01	11-70U	-.39	-.41	-.43
8-38L	-.01	-.01	-.01	12-70U	-.26	-.26	-.28
8-44L	-.04	-.04	-.04	TIP-70C	-.01	-.01	-.03
8-60L	-.04	-.04	-.04	12-70L	-.57	-.57	-.59
8-95L	.07	.07	.07	11-70L	-.20	-.20	-.20
9-0C	-.61	-.62	-.69	10-70L	-.09	-.09	-.11
9-1.25U	1.07	1.09	1.14	FIN-1	-.01	-.01	-.01
9-2.5U	.99	1.00	1.03	FIN-2	-.04	-.04	-.04
9-5U	.73	.74	.76	FIN-3	-.01	0	0
9-14U	.43	.45	.46	FIN-4	-.14	-.14	-.14
9-19U	.38	.38	.39	FIN-5	-.04	-.04	-.04
9-32U	.27	.27	.28	FIN-6	-.04	-.04	-.04
9-44U	.18	.31	.18	FIN-7	-.08	-.09	-.08
9-70U	.01	.01	.01	FIN-8	-.01	.39	-.01
9-80U	.01	.01	.01	FIN-9	-.05	-.05	-.05
9-100C	.09	.09	.09	FIN-10	-.07	-.07	-.07
9-1.25L	.58	.58	.61	FIN-11	-.08	-.08	-.08
9-5L	.34	.34	.34	FIN-12	-.05	-.05	-.04
9-8L	.20	.20	.20	FIN-13	-.01	-.01	-.01
9-14L	.09	.09	.11	FIN-14	-.11	-.11	-.11
9-19L	.05	.04	.05	FIN-15	-.04	-.04	-.04
9-32L	.07	.07	.07	FIN-16	-.01	-.01	-.03
9-38L	.05	.05	.05	FIN-17	0	0	0
9-44L	.03	.03	.03	FIN-18	-.03	-.01	-.01
9-70L	.07	.07	.05	FIN-19	-.05	-.05	-.07
9-90L	.04	.04	.03	FIN-20	-.03	-.03	-.03
9-95L	.11	.11	.11	FIN-21	-.12	-.12	-.11
2S-60U	.15	.15	.16	FIN-22	-.07	-.05	-.07
2S-60L	.05	.05	.05	FIN-23	-.05	-.05	-.04
5S-60U	.04	.04	.04	FIN-24	-.01	-.01	-.01
5S-60L	.04	.04	.04	FIN-25	-.19	-.19	-.19
8S-60U	.15	.15	.15	FIN-26	-.15	-.14	-.14
8S-60L	.04	.04	.04	FIN-27	-.08	-.08	-.08
10-32U	.01	.01	.01	FIN-28	-.07	-.07	-.07

TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = +8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
8-1.25L	.61	.61	.62	11-32U	-	.28	.28
8-2.5L	.53	.53	.54	12-32U	-	.42	.40
8-5L	.36	.37	.38	TIP-32C	-	.47	.48
8-8L	.26	.25	.26	11-32L	-	.15	.15
8-14L	.15	.15	.15	10-32L	-	.08	.08
8-19L	.11	.11	.11	10-70U	-	.11	.11
8-32L	.01	.01	.01	11-70U	-	.45	.44
8-38L	-	.01	-	12-70U	-	.28	.28
8-44L	-	.04	-	TIP-70C	-	.01	.01
8-60L	-	.05	-	12-70L	-	.62	.61
8-95L	.07	.07	.07	11-70L	-	.20	.20
9-0C	-	.73	-	.81	10-70L	-	.11
9-1.25U	-	1.16	-	1.15	-	1.20	FIN-1
9-2.5U	-	1.04	-	1.04	-	1.08	FIN-2
9-5U	-	.77	-	.76	-	.80	FIN-3
9-14U	-	.46	-	.45	-	.47	FIN-4
9-19U	-	.39	-	.39	-	.41	FIN-5
9-32U	-	.28	-	.28	-	.28	FIN-6
9-44U	-	.19	-	.19	-	.19	FIN-7
9-70U	-	.03	-	.01	-	.03	FIN-8
9-80U	-	.01	-	.01	-	.01	FIN-9
9-100C	-	.09	-	.09	-	.08	FIN-10
9-1.25L	-	.58	-	.59	-	.59	FIN-11
9-5L	-	.35	-	.35	-	.35	FIN-12
9-8L	-	.22	-	.21	-	.22	FIN-13
9-14L	-	.11	-	.11	-	.11	FIN-14
9-19L	-	.07	-	.05	-	.05	FIN-15
9-32L	-	.07	-	.07	-	.07	FIN-16
9-38L	-	.05	-	.05	-	.05	FIN-17
9-44L	-	.03	-	.03	-	.03	FIN-18
9-70L	-	.07	-	.05	-	.07	FIN-19
9-90L	-	.03	-	.03	-	.03	FIN-20
9-95L	-	.11	-	.11	-	.11	FIN-21
2S-60U	-	.16	-	.17	-	.18	FIN-22
2S-60L	-	.07	-	.07	-	.07	FIN-23
5S-60U	-	.05	-	.05	-	.05	FIN-24
5S-60L	-	.05	-	.04	-	.05	FIN-25
8S-60U	-	.16	-	.15	-	.16	FIN-26
8S-60L	-	.05	-	.04	-	.05	FIN-27
10-32U	-	.01	-	.01	-	.07	FIN-28

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TABLE 8. - CONTINUED
(c) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
8-1.25L	.62	.62	.62	11-32U	-	.30	.31
8-2.5L	.54	.54	.55	12-32U	-	.45	.46
8-5L	.38	.38	.39	TIP-32C	-	.51	.53
8-8L	.20	.27	.27	11-32L	-	.16	.16
8-14L	.15	.15	.16	10-32L	-	.08	.08
8-19L	.11	.11	.11	10-70U	-	.12	.12
8-32L	.01	.01	.01	11-70U	-	.47	.50
8-38L	-	.01	-	12-70U	-	.31	.32
8-44L	-	.04	-	.04	TIP-70C	-	.01
8-60L	-	.05	-	.07	12-70L	-	.68
8-95L	.07	.07	.07	11-70L	-	.22	.23
9-0C	-	.84	-	.88	10-70L	-	.11
9-1.25U	-	1.22	-	1.24	FIN-1	.01	.01
9-2.5U	-	1.09	-	1.11	FIN-2	.03	.03
9-5U	-	.81	-	.81	FIN-3	.01	.01
9-14U	-	.47	-	.49	FIN-4	-	.12
9-19U	-	.41	-	.42	FIN-5	-	.12
9-32U	-	.28	-	.30	FIN-6	-	.03
9-44U	-	.19	-	.20	FIN-7	-	.07
9-70U	-	.03	-	.04	FIN-8	-	.01
9-80U	-	.01	-	.01	FIN-9	-	.05
9-100C	-	.08	-	.08	FIN-10	-	.05
9-1.25L	-	.59	-	.59	FIN-11	-	.08
9-5L	-	.36	-	.36	FIN-12	-	.05
9-8L	-	.22	-	.24	FIN-13	0	0
9-14L	-	.11	-	.11	FIN-14	-	.11
9-19L	-	.05	-	.05	FIN-15	-	.04
9-32L	-	.07	-	.07	FIN-16	-	.01
9-38L	-	.05	-	.05	FIN-17	0	0
9-44L	-	.03	-	.03	FIN-18	-	.03
9-70L	-	.07	-	.07	FIN-19	-	.07
9-90L	-	.03	-	.03	FIN-20	-	.03
9-95L	-	.11	-	.09	FIN-21	-	.11
2S-60U	-	.19	-	.20	FIN-22	-	.07
2S-60L	-	.07	-	.07	FIN-23	-	.04
5S-60U	-	.05	-	.07	FIN-24	-	.01
5S-60L	-	.05	-	.05	FIN-25	-	.18
8S-60U	-	.16	-	.16	FIN-26	-	.14
8S-60L	-	.05	-	.05	FIN-27	-	.08
10-32U	-	.01	-	.01	FIN-28	-	.08

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TABLE 8. - CONCLUDED
(c) - Concluded

ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$	ORIFICE	$\delta_e = .16$	$\delta_e = .20$	$\delta_e = .24$
8-1.25L	.62	.63	.63	11-32U	-	.32	.34
8-2.5L	.55	.56	.56	12-32U	-	.46	.49
8-5L	.39	.38	.40	TIP-32C	-	.54	.55
8-8L	.27	.27	.27	11-32L	-	.16	.16
8-14L	.16	.16	.16	10-32L	-	.08	.08
8-19L	.11	.11	.11	10-70U	-	.12	.12
8-32L	.01	.01	.01	11-70U	-	.51	.52
8-38L	-	.01	.01	12-70U	-	.34	.36
8-44L	-	.04	.04	TIP-70C	-	.03	.03
8-60L	1.96	.07	.07	12-70L	-	.69	.73
8-95L	.05	.05	.05	11-70L	-	.23	.23
9-0C	-	.92	.95	10-70L	-	.11	.12
9-1.25U	-	1.27	1.29	FIN-1	-	.03	.01
9-2.5U	-	1.14	1.16	FIN-2	-	.03	.03
9-5U	-	.82	.85	FIN-3	-	0	.01
9-14U	-	.49	.51	FIN-4	-	.12	.14
9-19U	-	.42	.44	FIN-5	-	.03	.03
9-32U	-	.30	.30	FIN-6	-	.03	.03
9-44U	-	.14	.21	FIN-7	-	.07	.05
9-70U	-	.04	.04	FIN-8	-	.01	.03
9-80U	-	.03	.03	FIN-9	-	.05	.05
9-100C	.08	.08	.08	FIN-10	-	.07	.07
9-1.25L	.61	.62	.62	FIN-11	-	.08	.08
9-5L	.36	.37	.37	FIN-12	-	.05	.05
9-8L	.23	.23	.23	FIN-13	-	0	0
9-14L	.11	.12	.12	FIN-14	-	.11	.11
9-19L	.05	.05	.05	FIN-15	-	.04	.04
9-32L	.07	.07	.07	FIN-16	-	.01	.01
9-38L	-	.05	.05	FIN-17	-	0	0
9-44L	-	.03	.03	FIN-18	-	.03	.03
9-70L	-	.07	.07	FIN-19	-	.05	.05
9-90L	.03	.03	.03	FIN-20	-	.03	.04
9-95L	.09	.10	.10	FIN-21	-	.11	.11
2S-60U	-	.22	.22	FIN-22	-	.05	.05
2S-60L	-	.08	.08	FIN-23	-	.04	.05
5S-60U	-	.07	.07	FIN-24	-	.03	.03
5S-60L	-	.05	.05	FIN-25	-	.18	.18
8S-60U	-	.18	.18	FIN-26	-	.14	.14
8S-60L	-	.05	.05	FIN-27	-	.08	.08
10-32U	.03	.03	.03	FIN-28	-	.07	.07

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TABLE 9. -- EFFECT OF ELERUDDER DEFLECTION ON THE PRESSURE COEFFICIENTS OVER THE TAIL, CLEAN CONDITION; $\beta = 8^\circ$. (a) $\alpha = 0^\circ$.

ORIFICE	$\delta_e = -2.8$	$\delta_e = -2.4$	$\delta_e = -2.0$	ORIFICE	$\delta_e = -2.8$	$\delta_e = -2.4$	$\delta_e = -2.0$
1-OC	.24	.23	.20	3-1.25U	-	.88	.91
1-1.25U	-.81	-.84	-.86	3-8U	-	.46	.47
1-2.5U	-.59	-.61	-.64	3-14U	-	.38	.39
1-5U	-.32	-.34	-.34	3-19U	-	.35	.36
1-8U	-.30	-.31	-.34	3-32U	-	.24	.26
1-14U	-.18	-.19	-.22	3-60U	-	.14	.15
1-19U	-.19	-.20	-.22	3-70U	-	.08	.09
1-32U	-.11	-.12	-.14	3-95U	-	.08	.08
1-70U	-.15	-.15	-.16	3-1.25L	-	.62	.64
1-80U	-.01	-.03	-.04	3-2.5L	-	.45	.46
1-90U	-.01	0	0	3-5L	-	.26	.27
1-95U	.09	.08	.08	3-8L	-	.20	.20
1-2.5L	.51	.51	.53	3-14L	-	.09	.09
1-5L	.35	.35	.35	3-32L	-	.01	0
1-14L	.16	.16	.16	3-38L	-	.05	.08
1-19L	.09	.11	.11	3-60L	-	.08	.08
1-32L	.07	.07	.07	3-80L	-	.01	0
1-38L	.01	.01	.01	3-95L	-	.09	.09
1-60L	-.04	-.04	-.04	4-0C	-	.12	.09
1-70L	-.01	-.01	-.01	4-1.25U	-	.86	.89
1-80L	-.01	-.01	-.01	4-2.5U	-	.59	.78
2-1.25U	-.86	-.86	-.86	4-14U	-	.50	.51
2-2.5U	-.73	-.76	-.80	4-19U	-	.36	.38
2-5U	-.53	-.54	-.45	4-32U	-	.28	.30
2-32U	-.19	-.20	-.22	4-38U	-	.28	.28
2-38U	-.24	-.26	-.27	4-60U	-	.22	.22
2-44U	-.15	-.16	-.16	4-70U	-	.08	.08
2-70U	-.04	-.04	-.07	4-90U	-	.03	.03
2-80U	-.01	-.01	-.03	4-95U	-	.09	.09
2-95U	.11	.09	.09	4-100C	-	.16	.16
2-100C	.12	.12	.12	4-2.5L	-	.46	.46
2-1.25L	.65	.65	.66	4-5L	-	.28	.28
2-2.5L	.46	.47	.47	4-8L	-	.22	.22
2-5L	.28	.30	.30	4-14L	-	.07	.07
2-14L	.09	.11	.11	4-19L	-	.01	.01
2-32L	0	0	0	4-32L	-	0	0
2-38L	-.03	-.03	-.03	4-38L	-	.07	.07
2-44L	-.05	-.04	-.04	4-44L	-	.07	.07
2-70L	.07	.07	.07	4-60L	-	.05	.05
2-95L	.08	.08	.08	4-80L	-	.01	.01

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 12$	$\delta_e = 8$	ORIFICE	$\delta_e = 16$	$\delta_e = 12$	$\delta_e = 8$
1-OC	.19	.19	.14	3-1.25U	-	.99	1.01
1-1.25U	.88	.89	.93	3-8U	-	.53	.54
1-2.5U	-	.66	.66	3-14U	-	.43	.45
1-5U	-	.35	.36	3-19U	-	.39	.41
1-8U	-	.35	.35	3-32U	-	.28	.30
1-14U	-	.22	.23	3-60U	-	.16	.18
1-19U	-	.23	.24	3-70U	-	.11	.12
1-32U	-	.15	.16	3-95U	.08	.08	.08
1-70U	-	.18	.18	3-1.25L	.65	.66	.68
1-80U	-	.04	.07	3-2.5L	.47	.49	.49
1-90U	-	.01	.01	3-5L	.28	.28	.28
1-95U	.08	.07	.07	3-8L	.22	.22	.23
1-2.5L	.53	.53	.54	3-14L	.11	.11	.11
1-5L	.35	.35	.36	3-32L	-	0	0
1-14L	.18	.16	.18	3-38L	-	.05	.05
1-19L	.11	.11	.11	3-60L	-	.08	.08
1-32L	.07	.07	.08	3-80L	0	0	0
1-38L	.01	.01	.01	3-95L	.08	.08	.08
1-60L	-	.05	.05	4-0C	.03	.03	.05
1-70L	-	.01	.03	4-1.25U	.97	1.01	1.05
1-80L	-	0	0	4-2.5U	.86	.89	.92
2-1.25U	-	.84	.80	4-14U	-	.54	.55
2-2.5U	-	.81	.82	4-19U	-	.41	.42
2-5U	-	.59	.61	4-32U	-	.32	.32
2-32U	-	.23	.24	4-38U	-	.31	.31
2-38U	-	.28	.31	4-60U	-	.24	.24
2-44U	-	.16	.16	4-70U	-	.09	.09
2-70U	-	.08	.09	4-90U	.01	.01	.01
2-80U	-	.04	.04	4-95U	.08	.08	.08
2-95U	.09	.08	.09	4-100C	.15	.15	.15
2-100C	.11	.11	.11	4-2.5L	.47	.49	.50
2-1.25L	.66	.68	.68	4-5L	.30	.31	.31
2-2.5L	.49	.49	.50	4-8L	.23	.23	.23
2-5L	.30	.30	.31	4-14L	.08	.08	.08
2-14L	.12	.11	.12	4-19L	.01	.01	.01
2-32L	-	0	0	4-32L	-	0	0
2-38L	-	.03	.04	4-38L	-	.07	.07
2-44L	-	.04	.05	4-44L	-	.05	4.11
2-70L	-	.07	.07	4-60L	-	.05	4.11
2-95L	.08	.07	.07	4-80L	.01	.01	.01

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -4$	$\delta_e = 0$	$\delta_e = 4$	ORIFICE	$\delta_e = -4$	$\delta_e = 0$	$\delta_e = 4$
1-OC	.10	.14	.08	3-1.25U	-	1.11	-
1-1.25U	.97	.95	.97	3-8U	-	5.9	-
1-2.5U	.74	.72	.73	3-14U	-	.48	-
1-5U	.40	.38	.40	3-19U	-	.45	-
1-8U	.40	.39	.40	3-32U	-	.33	-
1-14U	.27	.27	.27	3-60U	-	.19	-
1-19U	.27	.27	.28	3-70U	-	.15	-
1-32U	.21	.20	.21	3-95U	.07	.07	.07
1-70U	.19	.19	.19	3-1.25L	.67	.68	.68
1-80U	.08	.08	.09	3-2.5L	.49	.50	.51
1-90U	.04	.04	.04	3-5L	.30	.31	.31
1-95U	.04	.05	.04	3-8L	.22	.23	.24
1-2.5L	.53	.54	.55	3-14L	.11	.12	.12
1-5L	.36	.36	.37	3-32L	0	0	.01
1-14L	.18	.18	.19	3-38L	.05	.04	.04
1-19L	.11	.11	.12	3-60L	.10	.08	.09
1-32L	.07	.08	.08	3-80L	.01	0	0
1-38L	.01	.03	.03	3-95L	.07	.07	.07
1-60L	.05	.05	.05	4-0C	.05	.08	.12
1-70L	.04	.03	.03	4-1.25U	1.08	1.11	1.13
1-80L	.01	.01	.01	4-2.5U	.97	.97	.99
2-1.25U	.88	.89	.92	4-14U	.59	.58	.59
2-2.5U	.89	.89	.89	4-19U	.45	.45	.45
2-5U	.67	.66	.68	4-32U	.36	.35	.36
2-32U	.14	.27	.28	4-38U	.29	.31	.32
2-38U	.34	.34	.35	4-60U	.26	.26	.27
2-44U	.15	.16	.17	4-70U	.12	.12	.12
2-70U	.12	.09	.13	4-90U	.01	.01	.01
2-80U	.05	.05	.05	4-95U	.08	.08	.08
2-95U	.08	.08	.08	4-100C	.15	.15	.15
2-100C	.10	.09	.09	4-2.5L	.49	.50	.51
2-1.25L	.68	.69	.68	4-5L	.32	.32	.33
2-2.5L	.49	.50	.51	4-8L	.23	.24	.25
2-5L	.32	.32	.32	4-14L	.07	.08	.08
2-14L	.12	.12	.17	4-19L	.01	.03	.03
2-32L	0	0	0	4-32L	0	.01	.01
2-38L	.04	.03	.03	4-38L	.07	.07	.05
2-44L	.05	.04	.04	4-44L	.07	.07	.05
2-70L	.05	.05	.05	4-60L	.07	.07	.05
2-95L	.07	.07	.05	4-80L	0	.03	.01

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TABLE 9. -- CONTINUED
(a) - Continued

ORIFICE	$\delta_e = .8$	$\delta_e = 1.2$	$\delta_e = 1.6$	ORIFICE	$\delta_e = .8$	$\delta_e = 1.2$	$\delta_e = 1.6$
1-OC	.07	.05	.03	3-1.25U	-	1.17	-
1-1.25U	-	1.00	-	1.01	-	1.22	-
				1.05	-	1.26	
1-2.5U	-	.75	-	.78	-	.80	
				3-14U	-	.51	-
1-5U	-	.41	-	.43	-	.45	
				3-19U	-	.47	-
1-8U	-	.41	-	.43	-	.45	
				3-32U	-	.35	-
1-14U	-	.28	-	.30	-	.31	
				3-60U	-	.20	-
1-19U	-	.29	-	.31	-	.32	
				3-70U	-	.16	-
1-32U	-	.23	-	.24	-	.26	
				3-95U	-	.07	-
1-70U	-	.19	-	.20	-	.20	
				3-1.25L	-	.69	-
1-80U	-	.09	-	.12	-	.12	
				3-2.5L	-	.52	-
1-90U	-	.05	-	.07	-	.08	
				3-5L	-	.32	-
1-95U	.03		.01	-	0		
1-2.5L	.55		.54	3-8L	-	.24	-
				3-14L	-	.13	-
1-5L	.37		.38	3-32L	-	.14	-
				3-38L	-	.01	-
1-14L	.19		.19	3-60L	-	0	-
				3-80L	-		
1-19L	.12		.12	3-95L	-	.24	-
				4-0C	-	.14	-
1-32L	.08		.08	4-1.25U	-	.03	-
				4-14U	-	.05	-
1-38L	.03		.03	4-19U	-	.04	-
				4-32U	-	.05	-
1-60L	.05		.05	4-38U	-	.09	-
				4-60U	-	.09	-
1-70L	.03		.04	4-70U	-	.16	-
				4-90U	-	1.22	-
1-80L	.01		.01	4-95U	-	1.26	-
				4-100C	-	1.01	-
2-1.25U	.96		1.04	4-2.5L	-	1.04	-
				4-5L	-	1.07	-
2-2.5U	.91		.93	4-8L	-	.60	-
				4-14L	-	.62	-
2-5U	1.09		.73	4-19L	-	.47	-
				4-32U	-	.49	-
2-32U	.29		.31	4-38U	-	.36	-
				4-60U	-	.38	-
2-38U	.36		.38	4-70U	-	.33	-
				4-90U	-	.35	-
2-44U	.19		.20	4-95U	-	.27	-
				4-100C	-	.27	-
2-70U	.15		.16	4-14L	-	.12	-
				4-19L	-	.12	-
2-80U	.07		.08	4-32L	-	.12	-
				4-38L	-	.12	-
2-95U	.08		.07	4-60L	-	.05	-
				4-80L	-	.05	-
2-100C	.08		.08	4-14L	-	.05	-
				4-19L	-	.05	-
2-1.25L	.69		.70	4-32L	-	.05	-
				4-38L	-	.05	-
2-2.5L	.51		.53	4-60L	-	.05	-
				4-80L	-	.05	-
2-5L	.33		.34	4-14L	-	.01	-
				4-19L	-	.01	-
2-14L	.13		.14	4-32L	-	.01	-
				4-38L	-	.01	-
2-32L	.01		0	4-60L	-	.01	-
				4-80L	-	.01	-
2-38L	.03		.03	4-14L	-	.05	-
				4-19L	-	.05	-
2-44L	.04		.04	4-32L	-	.05	-
				4-38L	-	.05	-
2-70L	.05		.05	4-60L	-	.05	-
				4-80L	-	.05	-
2-95L	.05		.05	4-14L	-	.01	-
				4-19L	-	.01	-

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = .20$	$\delta_e = .24$	ORIFICE	$\delta_e = .20$	$\delta_e = .24$
1-OC	.01	-.01	3-1.25U	-.1.27	-.1.32
1-1.25U	1.05	1.08	3-8U	-.67	-.70
1-2.5U	-.80	-.82	3-14U	-.56	-.57
1-5U	-.45	-.47	3-19U	-.51	-.53
1-8U	-.45	0	3-32U	-.37	-.39
1-14U	-.32	-.34	3-60U	-.23	-.24
1-19U	-.33	-.35	3-70U	-.19	-.19
1-32U	-.27	-.28	3-95U	.05	.05
1-70U	-.21	-.22	3-1.25L	.69	.72
1-80U	-.13	-.15	3-2.5L	.53	.54
1-90U	.31	-.11	3-5L	.33	.35
1-95U	.31	-.03	3-8L	.25	.26
1-2.5L	.55	.55	3-14L	.13	.14
1-5L	.37	.38	3-32L	.01	.01
1-14L	.19	.19	3-38L	-.04	-.04
1-19L	.12	.12	3-60L	-.09	-.09
1-32L	.08	.08	3-80L	-.01	-.01
1-38L	.03	.01	3-95L	.07	.05
1-60L	-.05	-.05	4-0C	-.27	-.28
1-70L	-.04	-.04	4-1.25U	1.31	1.34
1-80L	-.03	-.03	4-2.5U	1.05	1.07
2-1.25U	1.09	1.15	4-14U	-.64	-.66
2-2.5U	.95	-.97	4-19U	-.37	-.53
2-5U	.76	.57	4-32U	-.40	-.41
2-32U	.33	-.35	4-38U	-.37	-.38
2-38U	-.40	-.42	4-60U	-.29	-.30
2-14U	-.23	-.23	4-70U	-.13	-.14
2-70U	-.19	-.20	4-90U	0	0
2-80U	-.09	-.11	4-95U	1.80	.07
2-95U	.05	.05	4-100C	.13	.14
2-100C	.07	.07	4-2.5L	.53	.55
2-1.25L	.71	.72	4-5L	.36	.36
2-2.5L	.53	.54	4-8L	.27	.27
2-5L	.35	.35	4-14L	.11	.11
2-14L	.15	.15	4-19L	.04	.04
2-32L	.01	.01	4-32L	.01	.01
2-38L	-.03	-.03	4-38L	-.05	-.07
2-44L	-.04	-.04	4-44L	-.05	-.05
2-70L	-.04	-.04	4-60L	-.05	-.07
2-95L	.04	.03	4-80L	.01	0

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TABLE 9.—CONTINUED
(a)—Continued

ORIFICE	$\delta_e = .28$	$\delta_e = .24$	$\delta_e = .20$	ORIFICE	$\delta_e = .28$	$\delta_e = .24$	$\delta_e = .20$
4-90L	.07	.07	.05	6-84	.23	.23	.25
4-95L	.08	.09	.08	6-14L	.09	.11	.11
5-0C	.12	.11	.05	6-19L	.05	.05	.05
5-1.25U	1.01	1.04	1.10	6-38L	.05	.05	.05
5-78U	.47	.49	.51	6-44L	.07	.07	.07
5-14U	.42	.42	.44	6-60L	.09	.09	.10
5-19U	.41	.42	.44	6-70L	.01	0	0
5-38U	.28	.30	.30	7-0C	.24	.26	.30
5-44U	.23	.23	.25	7-5U	.69	.69	.71
5-60U	.19	.20	.21	7-8U	.53	.53	.56
5-70U	.12	.14	.14	7-14U	.42	.42	.44
5-80U	.07	.07	.07	7-19U	.38	.39	.41
5-90U	.03	.03	.03	7-38U	.31	.31	.33
5-95U	.08	.07	.07	7-60U	.18	.19	.19
5-1.25L	.64	.64	.66	7-90U	.03	.03	.03
5-2.5L	.47	.47	.49	7-95U	.09	.09	.10
5-5L	.28	.28	.30	7-1.25L	.66	.66	.67
5-3L	.22	.22	.23	7-2.5L	.47	.61	.49
5-14L	.09	.09	.11	7-5L	.30	.30	.32
5-19L	.04	.04	.04	7-8L	.19	.19	.21
5-38L	.07	.07	.07	7-14L	.08	.08	.10
5-44L	.05	.05	.05	7-19L	.03	.03	.04
5-60L	.11	.11	.11	7-32L	.03	.03	.03
5-70L	.03	.03	.01	7-44L	.05	.05	.05
5-90L	.07	.07	.05	7-60L	.07	.07	.07
5-95L	.09	.09	.10	7-75L	.04	.04	.04
6-0C	.11	.09	.05	7-90L	.05	.05	.05
6-5U	.69	.70	.73	7-95L	.11	.11	.10
6-14U	.45	.46	.48	8-0C	.18	.19	.23
6-19U	.03	.04	.03	8-1.25U	.99	1.00	1.04
6-32U	.30	.30	.30	8-2.5U	.91	.92	.96
6-44U	.24	.24	.25	8-5U	.61	.61	.64
6-60U	.19	.19	.21	8-8U	.51	.51	.55
6-70U	.15	.16	.16	8-14U	.39	.41	.41
6-80U	.05	.05	.07	8-19U	.35	.36	.37
6-90U	.01	.01	.01	8-60U	.38	.36	.37
6-100U	.15	.16	.15	8-80U	.03	.03	.03
6-1.25L	.66	.66	.68	8-90U	.04	.04	.04
6-2.5L	.45	.45	.47	8-95U	.05	.05	.05
6-5L	.30	.30	.32	8-100C	.16	.16	.16

TABLE 9.—CONTINUED
(a)—Continued

ORIFICE	$\delta_e = -16$	$\delta_e = -12$	$\delta_e = -8$	ORIFICE	$\delta_e = -16$	$\delta_e = -12$	$\delta_e = -8$
4-90L	.07	.05	.05	6-8L	.24	.26	.26
4-95L	.08	.08	.08	6-14L	.11	.11	.11
5-0C	0	.03	—	6-19L	.07	.07	.07
5-1.25U	1.14	1.16	1.22	6-38L	—	.05	.04
5-8U	.53	.54	.57	6-44L	—	.05	.05
5-14U	.46	.47	.49	6-60L	—	.09	.09
5-19U	.45	.46	.47	6-70L	0	0	.01
5-38U	.31	.32	.32	7-0C	—	.41	.43
5-44U	.26	.26	.27	7-5U	—	.76	.77
5-60U	.20	.22	.22	7-8U	—	.57	.59
5-70U	.14	.15	.15	7-14U	—	.46	.47
5-80U	.08	.08	.08	7-19U	—	.42	.43
5-90U	.03	.03	.01	7-38U	—	.34	.34
5-95U	.07	.07	.07	7-60U	—	.20	.20
5-1.25L	.66	.66	.68	7-90U	—	.03	.01
5-2.5L	.50	.51	.51	7-95U	—	.09	.08
5-5L	.31	.31	.32	7-1.25L	—	.68	.69
5-8L	.23	.23	.24	7-2.5L	—	.50	.51
5-14L	.11	.11	.11	7-5L	—	.31	.32
5-19L	.05	.05	.05	7-8L	—	.22	.22
5-38I	.05	.05	—	7-14L	—	.09	.11
5-44I	.05	.05	—	7-19L	—	.04	.04
5-60L	.11	.11	.11	7-32L	—	.03	.03
5-70L	.03	.03	.03	7-44L	—	.05	.05
5-90L	.05	.05	.05	7-50L	—	.07	.07
5-95L	.09	.09	.09	7-70L	—	.04	.04
6-0C	.01	.03	.05	7-90L	—	.05	.05
6-5U	.74	.77	.78	7-95L	—	.11	.09
6-14U	.49	.50	.50	8-0C	—	.27	.31
6-19U	.04	.04	.03	8-1.25U	—	1.07	1.11
6-32U	.28	.26	.23	8-2.5U	—	.96	.99
6-44U	.23	.22	.19	8-5U	—	.65	.68
6-60U	.20	.22	.22	8-8U	—	.55	.57
6-70U	.16	.16	.18	8-14U	—	.42	.43
6-80U	.07	.07	.07	8-19U	—	.38	.39
6-90U	.01	.01	.01	8-60U	—	.38	.38
6-100C	.15	.15	.15	8-80U	—	.04	.04
6-1.25L	.68	.69	.70	8-90U	—	.04	.03
6-2.5L	.47	.47	.62	8-95U	—	.05	.07
6-5L	.32	.34	.34	8-100C	—	.16	.15

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TABLE 9.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = -4$	$\delta_e = 0$	$\delta_e = 4$	ORIFICE	$\delta_e = -4$	$\delta_e = 0$	$\delta_e = 4$
4-90L	.05	.05	.04	6-8L	.26	.26	.27
4-95L	.08	.08	.08	6-14L	.12	.12	.12
5-OC	-.08	-.09	-	6-19L	.07	.20	.08
5-1.25U	-.120	1.24	-.1.31	6-38L	-.04	-.05	-.04
5-8U	-.57	-.58	-.59	6-44L	-.05	-.05	-.05
5-74U	-.49	-.50	-.51	6-60L	-.09	-.09	-.09
5-19U	-.47	-.49	-.50	6-70L	-.01	0	-.01
5-38U	-.31	-.34	-.34	7-OC	-.46	-.36	-.54
5-44U	-.27	-.27	-.28	7-5U	-.77	-.51	-.80
5-60U	-.22	-.23	-.23	7-8U	-.58	-.59	-.62
5-70U	-.15	-.16	-.16	7-14U	-.46	-.47	-.49
5-80U	-.08	-.08	-.08	7-19U	-.42	-.43	-.45
5-90U	-.01	-.01	-.01	7-38U	-.34	-.35	-.35
5-95U	.07	.07	.07	7-60U	-.20	-.20	-.22
5-1.25L	.68	.68	.70	7-90U	-.03	-.01	-.01
5-2.5L	.53	.53	.54	7-95U	-.09	-.09	-.08
5-5L	.32	.32	.34	7-1.25L	.69	.69	.72
5-8L	.24	.24	.26	7-2.5L	.51	.51	.53
5-14L	.12	.12	.14	7-5L	.32	.32	.35
5-19L	.05	.05	.07	7-8L	.23	.22	.24
5-38L	.05	.05	.05	7-14L	.11	.11	.11
5-44L	.04	.04	.04	7-19L	.04	.04	.05
5-60L	.11	.11	.11	7-32L	-.03	-.03	-.01
5-70L	.01	.03	.03	7-44L	-.04	-.05	.05
5-90L	.05	.05	.05	7-60L	-.07	-.07	.07
5-95L	.09	.09	.08	7-70L	-.04	-.04	-.04
6-OC	.07	.08	.15	7-90L	.05	.05	.05
6-5U	.78	.80	.82	7-95L	.11	.09	.09
6-14U	.49	.50	.51	8-OC	-.35	-.36	.43
6-19U	.03	.03	.03	8-1.25U	-.1.11	1.14	1.15
6-32U	.30	.31	.32	8-2.5U	-.97	.99	1.01
6-44U	.24	.26	.26	8-5U	-.69	.70	.72
6-60U	.22	.22	.23	8-8U	-.57	.58	.59
6-70U	.18	.18	.18	8-14U	-.43	.45	.46
6-80U	.07	.07	.07	8-19U	-.38	.41	.41
6-90U	.01	.01	.01	8-60U	-.36	.36	.38
6-100C	.15	.15	.14	8-80U	-.04	-.04	-.04
6-1.25L	.69	.70	.72	8-90U	-.04	-.03	-.03
6-2.5L	.49	.49	.50	8-95U	-.05	-.07	-.05
6-5L	.32	.34	.35	8-100C	-.16	.15	.15

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TABLE 9.- CONTINUED
(a)- Continued

ORIFICE	$\delta_e = 8$	$\delta_e = 12$	$\delta_e = 16$	ORIFICE	$\delta_e = 8$	$\delta_e = 12$	$\delta_e = 16$
4-90L	.04	.04	.04	6-8L	.27	.27	.27
4-95L	.08	.07	.07	6-14L	.12	.12	.14
5-0C	.22	.23	.27	6-19L	.07	.08	.08
5-1.25U	-	1.35	1.38	6-38L	-	.04	.04
5-8U	-	.62	.62	6-44L	-	.05	.05
5-14U	-	.53	.53	6-60L	-	.09	.09
5-19U	-	.50	.51	6-70L	.01	0	0
5-38U	-	.35	.36	7-0C	-	.58	.64
5-44U	-	.30	.30	7-5U	-	.82	.84
5-60U	-	.24	.24	7-8U	-	.64	.64
5-70U	-	.16	.16	7-14U	-	.50	.51
5-80U	-	.09	.09	7-19U	-	.46	.47
5-90U	.01	0	0	7-38U	-	.36	.36
5-95U	.05	.05	.05	7-60U	-	.22	.23
5-1.25L	.70	.70	.70	7-90U	.01	.01	0
5-2.5L	.54	.54	.54	7-95U	.08	.08	.08
5-5L	.34	.34	.35	7-1.25L	.72	.72	.72
5-8L	.26	.26	.27	7-2.5L	.53	.54	.54
5-14L	.14	.14	.14	7-5L	.35	.35	.35
5-19L	.05	.07	.07	7-8L	.24	.24	.24
5-38L	.05	.05	.05	7-14L	.11	.11	.11
5-44L	.04	.04	.04	7-19L	.05	.05	.05
5-60L	.11	.11	.11	7-32L	-	.03	.03
5-70L	.01	.01	.01	7-44L	-	.05	.05
5-90L	.05	.05	.05	7-60L	-	.07	.07
5-95L	.08	.08	.08	7-70L	.04	.04	.04
6-0C	.18	.20	.23	7-90L	.05	.04	.04
6-5U	.84	.85	1.27	7-95L	.09	.09	.09
6-14U	.53	.55	.55	8-0C	-	.47	.49
6-19U	.03	.03	.03	8-1.25U	-	1.16	1.18
6-32U	.34	.35	.36	8-2.5U	-	1.03	1.04
6-44U	.27	.28	.30	8-5U	-	.74	.74
6-60U	.23	.23	.23	8-8U	-	.61	.62
6-70U	.19	.20	.20	8-14U	-	.47	.47
6-80U	.08	.08	.08	8-19U	.42	.43	.43
6-90U	.01	.01	.01	8-60U	.36	.36	.36
6-100C	.14	.14	.14	8-80U	-	.04	.05
6-1.25L	.72	.72	.72	8-90U	.03	.01	.01
6-2.5L	.51	.51	.51	8-95U	.07	.07	.07
6-5L	.35	.35	.35	8-100C	.15	.15	.15

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TABLE 9.- CONTINUED

(a) - Continued

ORIFICE	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 20$	$\delta_e = 24$
4-90L	.04	.04	6-8L	.27	.27
4-95L	.07	.07	6-14L	.14	.14
5-OC	-.32	.36	6-19L	.08	.08
5-1.25U	1.46	1.50	6-38L	-.04	.04
5-8U	.66	.68	6-44L	-.07	.07
5-14U	-.55	.57	6-60L	-.09	.09
5-19U	-.54	.54	6-70L	-.0	.0
5-38U	-.36	.36	7-OC	-.72	.72
5-44U	-.31	.32	7-5U	-.86	.86
5-60U	-.26	.26	7-8U	-.66	.68
5-70U	-.18	.19	7-14U	-.51	.53
5-80U	-.09	.11	7-19U	-.47	.49
5-90U	-.0	.0	7-38U	-.38	.38
5-95U	.05	.05	7-60U	-.23	.23
5-1.25L	.72	.72	7-90U	-.08	.08
5-2.5L	.55	.57	7-95U	-.72	.72
5-5L	.35	.36	7-1.25L	.54	.54
5-8L	.27	.27	7-2.5L	.36	.36
5-14L	.14	.14	7-5L	.24	.24
5-19L	.05	.07	7-8L	.12	.12
5-38L	-.05	.05	7-14L	.05	.05
5-44L	-.04	.04	7-19L	-.01	.01
5-60L	-.11	.11	7-32L	-.05	.05
5-70L	-.01	.01	7-44L	-.07	.07
5-90L	-.04	.04	7-60L	-.04	.04
5-95L	-.08	.07	7-70L	-.04	.04
6-OC	-.30	.31	7-90L	-.09	.08
6-5U	.89	.91	7-95L	-.58	.58
6-14U	.57	.57	8-OC	-.1.20	1.22
6-19U	-.04	.04	8-1.25U	-.1.08	1.08
6-32U	-.36	.36	8-2.5U	-.77	.77
6-44U	-.30	.30	8-5U	-.64	.64
6-60U	-.24	.24	8-8U	-.49	.50
6-70U	-.20	.20	8-14U	-.43	.43
6-80U	-.08	.09	8-19U	-.38	.38
6-90U	-.01	.01	8-60U	-.05	.05
6-100C	.14	.14	8-80U	-.01	.01
6-1.25L	.73	.73	8-90U	-.07	.07
6-2.5L	.51	.53	8-95U	-.1.5	1.5
6-5L	.36	.36			

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = .28$	$\delta_e = .24$	$\delta_e = .20$	ORIFICE	$\delta_e = .28$	$\delta_e = .24$	$\delta_e = .20$
8-1.25L	.62	.62	.63	11-32U	-	.27	.27
8-2.5L	.47	.48	.48	12-32U	-	.27	.29
8-5L	.27	.29	.29	TIP-32C	-	.23	.23
8-8L	.16	.18	.14	11-32L	-	.03	.03
8-14L	.08	.08	.08	10-32L	-	.04	.04
8-19L	.03	.03	.02	10-70U	-	.11	.11
8-32L	-	.03	.03	11-70U	-	.22	.23
8-38L	-	.05	.05	12-70U	-	.40	.40
8-44L	-	.07	.07	TIP-70C	-	.03	.03
8-60L	-	.08	.08	12-70L	-	.25	.26
8-95L	-	.10	.10	11-70L	-	.08	.08
9-0C	.21	.19	.16	10-70L	-	.05	.07
9-1.25U	-	.85	.86	FIN-1	-	.18	.18
9-2.5U	-	.81	.82	FIN-2	-	.41	.41
9-5U	-	.59	.60	FIN-3	-	.12	.12
9-14U	-	.40	.41	FIN-4	-	0	0
9-19U	-	.36	.36	FIN-5	-	.11	.11
9-32U	-	.27	.29	FIN-6	-	.11	.11
9-44U	-	.18	.19	FIN-7	-	.230	.232
9-70U	-	.07	.07	FIN-8	-	.05	.05
9-80U	-	.01	.03	FIN-9	-	.01	.01
9-100C	.15	.15	.15	FIN-10	-	0	0
9-1.25L	.58	.58	.59	FIN-11	-	.03	.03
9-5L	.27	.27	.29	FIN-12	-	.04	.04
9-8L	.14	.14	.14	FIN-13	-	1.53	1.52
9-14L	.04	.04	.05	FIN-14	-	.23	.22
9-19L	-	0	0	FIN-15	-	.03	.03
9-32L	-	.08	.08	FIN-16	-	.01	0
9-38L	-	.07	.07	FIN-17	-	0	.01
9-44L	-	.03	.03	FIN-18	-	.04	.04
9-70L	-	.05	.05	FIN-19	-	.01	.01
9-90L	.05	.05	.05	FIN-20	-	.03	.03
9-95L	.11	.11	.11	FIN-21	-	.11	.11
2S-60U	-	.15	.16	FIN-22	-	.01	.01
2S-60L	-	.08	.08	FIN-23	-	.01	0
5S-60U	-	.10	.10	FIN-24	-	.03	.03
5S-60L	-	.07	.07	FIN-25	-	.23	.23
8S-60U	-	.15	.15	FIN-26	-	.12	.12
8S-60L	-	.07	.05	FIN-27	-	.22	.07
10-32U	-	.03	.03	FIN-28	-	.21	.07

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -16$	$\delta_e = -12$	$\delta_e = -8$	ORIFICE	$\delta_e = -16$	$\delta_e = -12$	$\delta_e = -8$
8-1.25L	.64	.64	.65	11-32U	-	.29	.30
8-2.5L	.49	.49	.50	12-32U	-	.30	.31
8-5L	.30	.30	.31	TIP-32C	-	.26	.27
8-8L	.18	.18	.19	11-32L	-	.04	.04
8-14L	.08	.08	.08	10-32L	-	.03	.05
8-19L	.03	.03	.03	10-70U	-	.10	.12
8-32L	.03	.03	.03	11-70U	-	.25	.26
8-38L	-	.05	.05	12-70U	-	.44	.45
8-44L	-	.07	.07	TIP-70C	-	.03	.03
8-60L	-	.08	.08	12-70L	-	.22	.28
8-95L	.10	.08	.08	11-70L	-	.10	.09
9-0C	.12	.12	.08	10-70L	-	.07	.07
9-1.25U	-	.92	.92	FIN-1	-	.18	.18
9-2.5U	-	.85	.85	FIN-2	-	.32	.41
9-5U	-	.63	.62	FIN-3	-	.11	.11
9-14U	-	.42	.43	FIN-4	-	0	.01
9-19U	-	.37	.38	FIN-5	-	.11	.11
9-32U	-	.29	.30	FIN-6	-	.11	.11
9-44U	-	.19	.20	FIN-7	-	2.27	2.18
9-70U	-	.07	.08	FIN-8	-	.04	.05
9-80U	-	.01	.01	FIN-9	-	.01	.03
9-100C	.15	.14	.14	FIN-10	-	0	.01
9-1.25L	.59	.59	.59	FIN-11	-	.02	.03
9-5L	.29	.28	.30	FIN-12	-	.03	.04
9-8L	.15	.15	.16	FIN-13	-	1.14	1.42
9-14L	.05	.05	.05	FIN-14	-	.17	.22
9-19L	-	0	0	FIN-15	-	.02	.03
9-32L	-	.08	.08	FIN-16	-	0	0
9-38L	-	.07	.07	FIN-17	-	.01	.01
9-44L	-	.03	.03	FIN-18	-	.03	.04
9-70L	-	.05	.05	FIN-19	-	.01	.01
9-90L	.04	.04	.04	FIN-20	-	.03	.03
9-95L	.11	.09	.11	FIN-21	-	.11	.11
2S-60U	-	.16	.18	FIN-22	-	.01	.01
2S-60L	-	.08	.08	FIN-23	-	0	0
5S-60U	-	.10	.09	FIN-24	-	.03	.03
5S-60L	-	.07	.07	FIN-25	-	.22	.22
8S-60U	-	.16	.14	FIN-26	-	.12	.12
8S-60L	-	.07	.07	FIN-27	-	.07	.07
10-32U	-	.03	.03	FIN-28	-	.07	.07

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TABLE 9. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 0$	$\delta_e = 4$	ORIFICE	$\delta_e = 4$	$\delta_e = 0$	$\delta_e = 4$
8-1.25L	.65	.66	.66	11-32U	-	.30	.31
8-2.5L	.50	.51	.51	12-32U	-	.31	.34
8-5L	.31	.32	.31	TIP-32C	-	.27	.28
8-8L	.19	.19	.20	11-32L	-	.03	.04
8-14L	.08	.06	.09	10-32L	-	.04	.05
8-19L	.03	.03	.03	10-70U	-	.12	.14
8-32L	.03	.03	.03	11-70U	-	.26	.28
8-38L	-	.04	-	.05	12-70U	.45	.49
8-44L	-	.07	-	.07	TIP-70C	.01	.03
8-60L	-	.08	-	.08	12-70L	.28	.31
8-95L	.09	.08	.08	11-70L	-	.09	.09
9-0C	.08	.07	.03	10-70L	-	.07	.08
9-1.25U	-	.92	-	.96	FIN-1	.16	.16
9-2.5U	-	.85	-	.88	FIN-2	.39	.36
9-5U	-	.64	-	.66	FIN-3	.11	.09
9-14U	-	.42	-	.44	FIN-4	.01	.01
9-19U	-	.34	-	.40	FIN-5	.12	.12
9-32U	-	.30	-	.30	FIN-6	.12	.12
9-44U	-	.20	-	.21	FIN-7	2.16	2.03
9-70U	-	.08	-	.08	FIN-8	.04	.03
9-80U	-	.01	-	.03	FIN-9	.03	.03
9-100C	-	.14	-	.14	FIN-10	.01	.01
9-1.25L	.59	.62	.61	FIN-11	-	.04	.04
9-5L	.30	.30	.30	FIN-12	-	.04	.04
9-8L	.16	.16	.16	FIN-13	-	1.38	1.30
9-14L	.05	.05	.05	FIN-14	-	.20	.20
9-19L	.01	0	.01	FIN-15	-	.01	.01
9-32L	-	.08	-	.08	FIN-16	-	0
9-38L	-	.05	.07	FIN-17	-	.03	.03
9-44L	-	.03	.03	FIN-18	-	.05	.05
9-70L	-	.05	.07	FIN-19	-	.01	.01
9-90L	.04	.04	.04	FIN-20	-	.03	.03
9-95L	.11	.10	.09	FIN-21	-	.09	.09
2S-60U	-	.18	.19	FIN-22	-	.01	.01
2S-60L	-	.08	.10	FIN-23	-	0	0
5S-60U	-	.09	.10	FIN-24	-	.01	.03
5S-60L	-	.07	.07	FIN-25	-	.22	.22
8S-60U	-	.16	.18	FIN-26	-	.11	.12
8S-60L	-	0	.07	FIN-27	-	.07	.07
10-32U	-	.01	.03	FIN-28	-	.07	.07

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TABLE 9. -- CONTINUED
(a) -- Continued

ORIFICE	$\delta_e = 8$	$\delta_e = 12$	$\delta_e = 16$	ORIFICE	$\delta_e = 8$	$\delta_e = 12$	$\delta_e = 16$
8-1.25L	.66	.66	.66	11-32U	—	.32	.32
8-2.5L	.51	.53	.53	12-32U	—	.35	.35
8-5L	.32	.32	.32	TIP-32C	—	.30	.30
8-8L	.19	.20	.20	11-32L	—	.04	.04
8-14L	.09	.09	.09	10-32L	—	.05	.05
8-19L	.03	.03	.03	10-70U	—	.14	.13
8-32L	—	.03	.03	11-70U	—	.30	.29
8-38L	—	.05	.05	12-70U	—	.50	.51
8-44L	—	.07	.07	TIP-70C	—	.01	.01
8-60L	—	.09	.09	12-70L	—	.32	.34
8-95L	—	.08	.08	11-70L	—	.11	.11
9-0C	—	0	.01	10-70L	—	.08	.08
9-1.25U	—	.97	.97	FIN-1	—	.16	.16
9-2.5U	—	.89	.89	FIN-2	—	.36	.35
9-5U	—	.68	.69	FIN-3	—	.09	.08
9-14U	—	.45	.46	FIN-4	—	.01	.01
9-19U	—	.41	.41	FIN-5	—	.12	.12
9-32U	—	.31	.31	FIN-6	—	.12	.12
9-44U	—	.22	.22	FIN-7	—	.62	1.95
9-70U	—	.08	.09	FIN-8	—	.03	.03
9-80U	—	.03	.03	FIN-9	—	.03	.03
9-100C	—	.14	.14	FIN-10	—	.01	.01
9-1.25L	—	.61	.62	FIN-11	—	.03	.03
9-5L	—	.31	.31	FIN-12	—	.04	.04
9-8L	—	.16	.16	FIN-13	—	1.27	1.23
9-14L	—	.05	.05	FIN-14	—	.19	.19
9-19L	—	.01	.01	FIN-15	—	.01	.01
9-32L	—	.08	.08	FIN-16	—	0	0
9-38L	—	.07	.07	FIN-17	—	.03	.03
9-44L	—	.03	.03	FIN-18	—	.05	.05
9-70L	—	.07	.07	FIN-19	—	.01	.01
9-90L	—	.03	.04	FIN-20	—	.03	.03
9-95L	—	.09	.09	FIN-21	—	.09	.09
2S-60U	—	.20	.22	FIN-22	—	.01	.01
2S-60L	—	.09	.09	FIN-23	—	0	0
5S-60U	—	.09	.11	FIN-24	—	.01	.01
5S-60L	—	.07	.07	FIN-25	—	.22	.22
8S-60U	—	.19	.20	FIN-26	—	.12	.12
8S-60L	—	.07	.07	FIN-27	—	.07	.07
10-32U	—	.03	.03	FIN-28	—	.07	.07

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TABLE 9. -- CONTINUED
(a) -- Concluded

ORIFICE	$\delta_e = .20$	$\delta_e = .24$	ORIFICE	$\delta_e = .20$	$\delta_e = .24$
8-1.25L	.68	.41	11-32U	-	.63
8-2.5L	.53	.26	12-32U	-	.66
8-5L	.33	.05	TIP-32C	-	.19
8-8L	.21	—	11-32L	-	.32
8-14L	.10	—	10-32L	-	.33
8-19L	.03	—	10-70U	-	.42
8-32L	.03	—	11-70U	-	.60
8-38L	—	.05	12-70U	-	.82
8-44L	—	.07	TIP-70C	-	.23
8-60L	—	.10	12-70L	-	.63
8-95L	.08	—	11-70L	-	.38
9-0C	—	.05	10-70L	-	.36
9-1.25U	—	1.00	FIN-1	-	.44
9-2.5U	—	.93	FIN-2	-	.62
9-5U	—	.73	FIN-3	-	.34
9-14U	—	.48	FIN-4	-	.25
9-19U	—	.42	FIN-5	-	.15
9-32U	—	.33	FIN-6	-	.15
9-44U	—	.22	FIN-7	-	.14
9-70U	—	.10	FIN-8	-	.30
9-80U	—	.04	FIN-9	-	.25
9-100C	—	.14	FIN-10	-	.26
9-1.25L	.63	.36	FIN-11	-	.25
9-5L	.32	.04	FIN-12	-	.23
9-8L	.18	—	FIN-13	1	.44
9-14L	.07	—	FIN-14	-	.47
9-19L	.01	—	FIN-15	-	.29
9-32L	—	.08	FIN-16	0	.27
9-38L	—	.07	FIN-17	-	.25
9-44L	—	.03	FIN-18	-	.22
9-70L	—	.07	FIN-19	-	.26
9-90L	.03	—	FIN-20	-	.25
9-95L	.10	—	FIN-21	-	.37
2S-60U	—	.23	FIN-22	-	.29
2S-60L	—	.11	FIN-23	0	.27
5S-60U	—	.11	FIN-24	-	.29
5S-60L	—	.08	FIN-25	-	.49
8S-60U	—	.21	FIN-26	-	.40
8S-60L	—	.07	FIN-27	-	.36
10-32U	—	.03	FIN-28	-	.34

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TABLE 9. - CONTINUED
(b) α , 12° .

ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$	ORIFICE	$\delta_e = .32$	$\delta_e = .28$	$\delta_e = .24$
1-OC	- .51	- .53	- .54	3-1.25U	- 2.29	- 2.30	- 2.34
1-1.25U	- 1.12	- 1.12	- 1.15	3-8U	- .92	- .92	- .95
1-2.5U	- .71	- .72	- .74	3-14U	-	.68	- .70
1-5U	- .47	- .47	- .49	3-19U	-	.59	- .61
1-8U	- .42	- .42	- .43	3-32U	-	.40	- .41
1-14U	- .29	- .30	- .31	3-60U	-	.18	- .19
1-19U	- .30	- .31	- .32	3-70U	-	.11	- .12
1-32U	- .23	- .24	- .26	3-95U	-	.08	- .07
1-70U	- .15	- .16	- .16	3-1.25L	-	.48	- .74
1-80U	- .08	- .08	- .08	3-2.5L	-	.73	- .72
1-90U	- .04	- .04	- .04	3-5L	-	.59	- .58
1-95U	.04	.03	.03	3-8L	-	.49	.50
1-2.5L	.66	.65	.66	3-14L	-	.36	.36
1-5L	.51	.51	.51	3-32L	-	.16	.18
1-14L	.33	.32	.34	3-38L	-	.11	.12
1-19L	.26	.26	.30	3-60L	-	.01	.03
1-32L	.21	.22	.22	3-80L	-	.05	.04
1-38L	.14	.14	.14	3-95L	-	.08	.07
1-60L	.04	.04	.04	4-OC	- 3.63	- 3.64	- 3.70
1-70L	.05	.05	.05	4-1.25U	- 2.58	- 2.59	- 2.65
1-80L	.04	.04	.04	4-2.5U	- 1.89	- 1.89	- 1.93
2-1.25U	- 1.81	- 1.84	- 1.86	4-14U	-	.84	- .72
2-2.5U	- 1.34	- 1.35	- 1.38	4-19U	-	.66	- .68
2-5U	- .96	- .97	- .99	4-32U	-	.45	- .46
2-32U	- .30	- .32	- .32	4-38U	-	.41	- .43
2-38U	- .36	- .36	- .38	4-60U	-	.25	- .26
2-44U	- .22	- .22	- .24	4-70U	-	.11	- .11
2-70U	- .10	- .11	- .11	4-90U	-	.04	- .03
2-80U	- .04	- .04	- .04	4-95U	-	.08	- .07
2-95U	.08	.08	.08	4-100C	-	.10	.08
2-100C	.07	.07	.05	4-2.5L	-	.74	.73
2-1.25L	.77	.76	.76	4-5L	-	.63	.64
2-2.5L	.68	.68	.69	4-8L	-	.53	.53
2-5L	.55	.54	.54	4-14L	-	.36	.36
2-14L	.33	.32	.32	4-19L	-	.29	.30
2-32L	.15	.15	.15	4-32L	-	.19	.19
2-38L	.11	.11	.11	4-38L	-	.11	.12
2-44L	.08	.08	.08	4-44L	-	.10	.09
2-70L	.11	.11	.12	4-60L	-	.04	.04
2-95L	.07	.07	.07	4-80L	-	.07	.05

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TABLE 9. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$	ORIFICE	$\delta_e = .20$	$\delta_e = .16$	$\delta_e = .12$
1-OC	- .58	- .65	- .66	3-1.25U	- 2.42	- 2.49	- 2.54
1-1.25U	- 1.18	- 1.83	- 1.94	3-8U	- .76	- 1.00	- 1.03
1-2.5U	- .76	- .66	- .80	3-14U	- .73	- .76	- .77
1-5U	- .50	- .53	- .54	3-19U	- .22	- .65	- .66
1-8U	- .45	- .47	- .49	3-32U	- .43	- .45	- .46
1-14U	- .32	- .34	- .35	3-60U	- .22	- .22	- .23
1-19U	- .34	- .35	- .36	3-70U	- .14	- .14	- .15
1-32U	- .27	- .28	- .30	3-95U	- .07	- .05	- .05
1-70U	- .18	- .18	- .19	3-1.25L	- .73	- .73	- .73
1-80U	- .09	- .11	- .12	3-2.5L	.72	.72	.73
1-90U	- .04	- .05	- .07	3-5L	.59	.59	.61
1-95U	.03	.01	0	3-8L	.50	.50	.51
1-2.5L	.65	.66	.66	3-14L	.36	.36	.38
1-5L	.51	.53	.53	3-32L	.18	.18	.18
1-14L	.32	.32	.32	3-38L	.11	.12	.12
1-19L	.26	.27	.27	3-60L	.01	.01	.03
1-32L	.22	.22	.22	3-80L	.03	.04	.04
1-38L	.14	.14	.14	3-95L	.07	.07	.07
1-60L	.04	.04	.04	4-0C	- 3.78	- 3.91	- 4.04
1-70L	.05	.05	.05	4-1.25U	- 2.78	- 2.77	- 2.84
1-80L	.04	.04	.04	4-2.5U	- 1.99	- 2.03	- 2.08
2-1.25U	- 1.88	- 1.91	- 1.91	4-14U	- .88	- .89	- .92
2-2.5U	- 1.42	- 1.47	- 1.51	4-19U	- .69	- .70	- .73
2-5U	- 1.01	- 1.05	- 1.08	4-32U	- .38	- .50	- .50
2-32U	- 1.69	- .38	- .38	4-38U	- .43	- .45	- .46
2-38U	- .39	- .42	- .43	4-60U	- .27	- .27	- .28
2-44U	- .24	- .26	- .27	4-70U	- .12	- .14	- .14
2-70U	- .12	- .14	- .15	4-90U	.03	.03	.01
2-80U	- .05	- .05	- .07	4-95U	.07	.05	.05
2-95U	.07	.07	.05	4-100C	.08	.08	.07
2-100C	.05	.04	.03	4-2.5L	.74	.73	.74
2-1.25L	.76	.76	.76	4-5L	.65	.65	.65
2-2.5L	.69	.70	.57	4-8L	.53	.53	.54
2-5L	.55	.55	.57	4-14L	.36	.36	.36
2-14L	- .07	.34	.35	4-19L	.28	.30	.30
2-32L	.15	.16	.16	4-32L	.19	.19	.19
2-38L	.11	.11	.11	4-38L	.12	.12	.12
2-44L	.06	.08	.08	4-44L	.09	.09	.09
2-70L	.11	.12	.11	4-60L	.04	.04	.04
2-95L	.07	.05	.05	4-80L	.05	.04	.05

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 TABLE 9. - CONTINUED
 (b) - Continued

ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$	ORIFICE	$\delta_e = .8$	$\delta_e = .4$	$\delta_e = 0$
1-OC	-	.69	-	.70	-	.73	3-1.25U
1-1.25U	-	1.26	-	1.27	-	1.30	3-8U
1-2.5U	-	.81	-	.82	-	.85	3-14U
1-5U	-	.55	-	.57	-	.58	3-19U
1-8U	-	.50	-	.51	-	.53	3-32U
1-14U	-	.35	-	.38	-	.39	3-60U
1-19U	-	.38	-	.39	-	.41	3-70U
1-32U	-	.32	-	.34	-	.35	3-95U
1-70U	-	.20	-	.20	-	.22	3-1.25L
1-80U	-	.14	-	.14	-	.15	3-2.5L
1-90U	-	.08	-	.07	-	.09	3-5L
1-95U	-	.01	-	.01	-	.03	3-8L
1-2.5L		.66		.66		.68	3-14L
1-5L		.53		.53		.53	3-32L
1-14L		.34		.25		.32	3-38L
1-19L		.27		.27		.27	3-60L
1-32L		.22		.22		.22	3-80L
1-38L		.14		.14		.14	3-95L
1-60L		.04		.04		.04	4-OC
1-70L		.05		.05		.04	4-1.25U
1-80L		.04		.03		.03	4-2.5U
2-1.25U	-	1.92	-	1.81	-	1.84	4-14U
2-2.5U	-	1.53	-	1.55	-	1.59	4-19U
2-5U	-	1.09	-	1.12	-	1.15	4-32U
2-32U	-	.39	-	.41	-	.43	4-38U
2-38U	-	.45	-	.46	-	.47	4-60U
2-44U	-	.28	-	.23	-	.24	4-70U
2-70U	-	.16	-	.18	-	.19	4-90U
2-80U	-	.08	-	.08	-	.09	4-95U
2-95U		.05		.04		.04	4-100C
2-100C		.03		.01		.01	4-2.5L
2-1.25L		.76		.76		.76	4-5L
2-2.5L		.70		.70		.70	4-8L
2-5L		.57		.57		.57	4-14L
2-14L		.35		.35		.35	4-19L
2-32L		.16		.16		.16	4-32L
2-38L		.11		.11		.11	4-38L
2-44L		.04		.08		.08	4-44L
2-70L		.11		.11		.11	4-60L
2-95L		.04		.04		.04	4-80L

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 TABLE 9. - CONTINUED
 (b) - Continued

ORIFICE	$\delta_o = 4$	$\delta_o = 8$	$\delta_o = 12$	ORIFICE	$\delta_o = 4$	$\delta_o = 8$	$\delta_o = 12$
1-OC	- .77	- .81	- .82	3-1.25U	- 2.78	- 2.84	- 2.86
1-1.25U	1.34	1.30	1.30	3-8U	1.14	1.14	1.16
1-2.5U	- .88	- .92	- .91	3-14U	- .86	- .88	- .88
1-5U	- .60	- .63	- .62	3-19U	- .75	- .77	- .77
1-8U	- .56	- .16	- .57	3-32U	- .53	- .55	- .54
1-14U	- .42	- .44	- .43	3-60U	- .29	- .29	- .28
1-19U	- .44	- .45	- .45	3-70U	- .19	- .21	- .16
1-32U	- .38	- .40	- .41	3-95U	.01	.01	.02
1-70U	- .25	- .25	- .24	3-1.25L	.71	.74	.72
1-80U	- .18	- .19	- .19	3-2.5L	.73	.73	.73
1-90U	- .12	- .14	- .14	3-5L	.60	.62	.62
1-95U	- .05	- .07	- .07	3-8L	.51	.51	.53
1-2.5L	.66	.67	.68	3-14L	.37	.37	.39
1-5L	.52	.52	.54	3-32L	.16	.16	.18
1-14L	.32	.33	.34	3-38L	.11	.11	.12
1-19L	.26	.27	.27	3-60L	- 0	- 0	.01
1-32L	.21	.21	.23	3-80L	.03	.01	.03
1-38L	.12	.14	.15	3-95L	.04	.03	.04
1-60L	.01	.03	.03	4-OC	4.45	4.56	4.61
1-70L	.03	.03	.04	1.25U	3.10	3.15	3.16
1-80L	.01	.01	.03	4-2.5U	3.26	3.30	3.31
2-1.25U	- 1.93	- 1.96	- 1.97	4-14U	- 1.01	- 1.03	- 1.03
2-2.5U	- 1.64	- 1.68	- 1.69	4-19U	- .81	- .82	- .82
2-5U	- 1.19	- 1.22	- 1.22	4-32U	- .58	- .59	- .58
2-32U	- .45	- .48	- .47	4-38U	- .51	- .51	- .51
2-38U	- .51	- .52	- .53	4-60U	- .34	- .34	- .34
2-44U	- .42	- .30	- .28	4-70U	- .16	- .18	- .16
2-70U	- .37	- .23	- .23	4-90U	- .01	- .01	- 0
2-80U	- .11	- .12	- .12	4-95U	.03	.03	.04
2-95U	.01	.01	.01	4-100C	.04	.04	.05
2-100C	- .01	- .03	- .01	4-2.5L	.74	.75	.76
2-1.25L	.74	.75	.74	4-5L	.66	.66	.66
2-2.5L	.70	.71	.58	4-8L	.55	.55	.55
2-5L	.56	.56	.58	4-14L	.37	.37	.39
2-14L	.34	.34	.35	4-19L	.29	.30	.31
2-32L	.14	.15	.16	4-32L	.19	.19	.22
2-38L	.10	.10	.11	4-38L	.11	.11	.12
2-44L	.07	.07	.09	4-44L	.08	.08	.09
2-70L	.10	.10	.11	4-60L	.03	.03	.04
2-95L	.01	.01	.03	4-80L	.04	.04	.04

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TABLE 9. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
1-OC	- .86	- .89	- .70	3-1.25U	- 2.97	- 3.00	- 3.04
1-1.25U	- 1.44	- 1.52	- 1.13	3-8U	- 1.22	- 1.23	- 1.25
1-2.5U	- .95	- .96	- .97	3-14U	- .92	- .93	- .95
1-5U	- .66	- .67	- .67	3-19U	- .81	- .82	- .84
1-8U	- .60	- .62	- .62	3-32U	- .58	- .59	- .60
1-14U	- .45	- .48	- .48	3-60U	- .32	- .32	- .33
1-19U	- .48	- .49	- .51	3-70U	- .22	- .23	- .23
1-32U	- .44	- .45	- .47	3-95U	- 0	- 0	- 0
1-70I	.29	.30	.30	3-1.25L	.70	.70	.70
1-80U	- .23	- .25	- .26	3-2.5L	.73	.73	.73
1-90U	- .16	- .18	- .19	3-5L	.63	.63	.63
1-95U	- .10	- .11	- .11	3-8L	.52	.52	.52
1-2.5L	.67	.68	.67	3-14L	.37	.38	.38
1-5L	.52	.53	.52	3-32L	.18	.16	.18
1-14L	.33	.33	.33	3-38L	.11	.11	.11
1-19L	.26	.26	.26	3-60L	- 0	- 0	- 0
1-32L	.22	.22	.21	3-80L	.01	.01	.01
1-38L	.12	.14	.12	3-95L	.03	.03	.03
1-60L	.01	.01	.01	4-00	- 4.86	- 4.92	- 5.07
1-70L	.03	.03	.03	4-1.25U	- 3.29	- 3.52	- 3.57
1-80L	- 0	0	0	4-2.5U	2.40	2.42	2.45
2-1.25U	- 2.07	2.10	2.14	4-14U	- 1.07	1.08	1.10
2-2.5U	- .38	1.78	1.79	4-19U	- .86	.88	.89
2-5U	- 1.27	1.29	1.30	4-32U	- .62	.63	.63
2-32U	- .51	.52	.53	4-38U	- .55	.55	.56
2-53U	.56	.58	.59	4-60U	- .37	.37	.38
2-44I	.32	.33	.36	4-70U	- .19	.19	.21
2-70U	- .26	.27	.29	4-90U	- .03	.03	.03
2-80U	- .15	.15	.16	4-95U	- .03	.03	.01
2-95U	- 0	0	.01	4-100C	.03	.03	.03
2-100C	- .03	.04	.04	4-2.5L	.75	.75	.75
2-1.25L	.74	.74	.74	4-5L	.66	.66	.67
2-2.5L	.71	.71	.70	4-8L	.56	.56	.56
2-5L	.58	.58	.58	4-14L	.38	.38	.38
2-14L	.34	.36	.34	4-19L	.30	.30	.30
2-32L	.15	.15	.15	4-32L	.19	.19	.19
2-38L	.10	.10	.10	4-38L	.11	.11	.11
2-44I	.07	.08	.07	4-44I	.08	.10	.08
2-70I	.08	.10	.08	4-60L	.01	.03	.03
2-95L	.01	0	0	4-80L	.03	.03	.03

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TABLE 9. - CONTINUED
(b)-Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = 32$	$\delta_e = +28$	$\delta_e = +24$
4-90L	0.08	0.07	0.05	6-8L	0.59	0.58	0.57
4-95L	.08	.07	.05	6-14L	.41	.28	.41
5-0C	-3.96	-3.97	-4.09	6-19L	.34	.34	.49
5-1.25U	-2.94	-2.94	-3.01	6-38L	.14	.13	.12
5-8U	-1.12	-1.12	-1.16	6-44L	.10	.09	.08
5-14U	-.84	-.84	.87	6-60L	.01	.01	0
5-19U	-.74	-.74	-.77	6-70L	.10	.09	.08
5-38U	-.42	-.43	-.46	7-0C	-5.11	-5.03	-5.02
5-44U	-.36	-.35	-.39	7-5U	-1.64	-1.67	-1.84
5-60U	-.23	-.23	-.26	7-8U	-1.23	-1.24	-1.35
5-70U	-.14	-.15	-.16	7-14U	-.88	-.89	-.92
5-80U	.05	-.05	-.07	7-19U	-.74	-.74	-.77
5-90U	.03	.03	-.01	7-38U	-.44	-.45	-.45
5-95U	.07	.05	.05	7-60U	-.22	-.22	-.23
5-1.25L	.70	.69	.66	7-90U	.04	.03	.01
5-2.5L	.60	.76	.74	7-95U	.07	.05	.04
5-5L	.73	.66	.65	7-1.25L	.67	.66	.66
5-8L	.56	.55	.54	7-2.5L	.77	.76	.76
5-14L	.41	.41	.39	7-5L	.68	.68	.66
5-19L	.31	.31	.31	7-8L	.56	.55	.54
5-38L	.14	.13	.12	7-14L	.41	.39	.39
5-44L	.11	.11	.11	7-19L	.31	.31	.30
5-50L	.01	.01	0	7-32L	.18	.18	.15
5-70L	.10	.09	.08	7-44L	.10	.08	.08
5-90L	.07	.07	.05	7-60L	.03	-.01	.01
5-95L	.08	.08	.07	7-70L	.03	.01	0
6-0C	-4.16	-4.20	-4.30	7-90L	.04	.04	.03
6-5U	-1.64	-1.66	-1.67	7-95L	.07	.05	.05
6-14U	-.89	-.89	-.92	8-0C	-2.98	-2.57	-2.04
6-19U	0	-.01	-.03	8-1.25U	-2.56	-2.28	-1.31
6-32U	-.52	-.54	-.55	8-2.5U	-2.52	-2.30	-1.87
6-44U	-.38	-.39	-.42	8-5U	-2.16	-2.07	-1.85
6-60U	-.23	-.23	-.26	8-8U	-1.64	-1.66	-1.58
6-70U	-.15	-.16	-.16	8-14U	-.96	-1.00	-1.05
6-80U	-.05	-.05	-.07	8-19U	-.74	-.78	-.85
6-90U	.03	.03	0	8-60U	-.03	-.03	-.05
6-100C	.08	.07	.05	8-80U	-.04	-.05	-.07
6-1.25L	.68	.66	.65	8-90U	.01	0	-.03
6-2.5L	.75	.74	.73	8-95U	0	-.01	-.03
6-5L	.67	.68	.66	8-100C	.08	.05	.04

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TABLE 9. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = -12$	$\delta_e = -16$	$\delta_e = -20$	ORIFICE	$\delta_e = -12$	$\delta_e = -16$	$\delta_e = -20$
4-90L	0.05	0.07	0.07	6-8L	0.59	0.59	0.59
4-95L	.05	.07	.07	6-14L	.41	.41	.41
5-0C	-4.36	-4.31	-4.25	6-19L	.34	.34	.34
5-1.25U	-3.16	-3.13	-3.09	6-38L	.13	.13	.13
5-8U	-1.22	-1.20	-1.18	6-44L	.08	.08	.08
5-14U	-.92	-.89	-.88	6-60L	0	.01	.01
5-19U	-.81	-.80	-.78	6-70L	.08	.08	.08
5-38U	-.49	-.47	-.46	7-0C	-1.81	-1.86	-1.90
5-44U	-.41	-.39	-.39	7-5U	-1.71	-1.73	-1.76
5-60U	-.27	-.26	-.26	7-8U	-1.56	-1.55	-1.57
5-70U	-.18	-.16	-.16	7-14U	-1.18	-.73	-1.12
5-80U	-.08	-.07	-.07	7-19U	-.93	-.89	-.89
5-90U	.01	.01	.03	7-38U	-.47	-.47	-.46
5-95U	.04	.05	.05	7-60U	-.24	--	-.23
5-1.25L	.68	.68	.68	7-90U	-.03	-.01	-.01
5-2.5L	.76	.77	.77	7-95U	.01	.01	.01
5-5L	.68	.68	.66	7-1.25L	.72	.72	.72
5-8L	.57	.57	.57	7-2.5L	.74	.74	.74
5-14L	.42	.42	.42	7-5L	.65	.65	.65
5-19L	.32	.32	.32	7-8L	.54	.54	.54
5-38L	.13	.27	.13	7-14L	.39	.39	.39
5-44L	.12	.24	.11	7-19L	.30	.31	.30
5-60L	.01	.01	.01	7-32L	.16	.18	.16
5-70L	.08	.08	.08	7-44L	.08	.08	.08
5-90L	.07	.07	.07	7-60L	.01	.01	.01
5-95L	.07	.07	.07	7-70L	0	.01	.01
6-0C	-4.32	-4.30	-4.28	7-90L	.03	.03	.04
6-5U	-1.84	-1.79	-1.82	7-95L	.04	.05	.05
6-14U	-1.03	-1.00	-.58	8-0C	-2.04	-2.10	-2.09
6-19U	-.01	-.01	-.01	8-1.25U	-1.86	-1.90	-1.92
6-32U	-.59	-.57	-.55	8-2.5U	-1.89	-1.92	-1.96
6-44U	-.45	-.43	-.41	8-5U	-1.77	-1.80	-1.81
6-60U	-.24	-.24	-.24	8-8U	-1.51	-1.61	-1.55
6-70U	-.16	-.16	-.15	8-14U	-1.08	-1.22	-1.11
6-80U	-.07	-.07	-.07	8-19U	.89	1.00	.92
6-90U	.03	.03	.03	8-60U	-.05	-.04	-.04
6-100C	.05	.05	.05	8-80U	-.07	-.07	-.07
6-1.25L	.68	.68	.68	8-90U	-.03	-.01	-.01
6-2.5L	.77	.77	.77	8-95U	.03	.01	.01
6-5L	.69	.69	.69	8-100C	.01	.03	.01

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TABLE 9. - CONTINUED
(b) Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	0.05	0.05	0.04	6-8L	0.59	0.59	0.58
4-95L	.05	.05	.04	6-14L	.41	.42	.41
5-OC	-4.56	-4.59	-4.76	6-19L	.34	.33	.34
5-1.25U	-3.23	-3.26	-3.34	6-38L	.13	.13	.12
5-8U	-1.26	-1.26	-1.30	6-44L	.08	.09	.08
5-14U	-.95	-.95	-.97	6-60L	0	.01	0
5-19U	-.82	-.84	-.87	6-70L	.08	.09	.08
5-38U	-.50	-.50	-.51	7-OC	-1.85	-1.82	-1.82
5-44U	-.42	-.42	-.43	7-5U	-1.67	-1.72	-1.71
5-60U	-.28	-.27	-.30	7-8U	-1.59	-1.60	-1.62
5-70U	-.18	-.18	-.19	7-14U	-1.24	-1.20	-1.24
5-80U	-.08	-.08	-.09	7-19U	-1.00	-.96	-1.00
5-90U	0	.01	0	7-38U	-.50	-.49	-.51
5-95U	.03	.04	.03	7-50U	-.26	-.24	-.27
5-1.25L	.66	.66	.65	7-90U	-.04	-.04	-.05
5-2.5L	.76	.77	.77	7-95U	0	0	-.01
5-5L	.68	.69	.68	7-1.25L	.73	.72	.72
5-8L	.57	.58	.57	7-2.5L	.74	.74	.73
5-14L	.42	.43	.42	7-5L	.65	.65	.65
5-19L	.32	.34	.32	7-8L	.54	.54	.54
5-38L	.13	.13	.13	7-14L	.39	.39	.39
5-44L	.11	.12	.11	7-19L	.28	.31	.30
5-60L	0	.01	0	7-32L	.16	.16	.16
5-70L	.08	.08	.07	7-44L	.08	.08	.07
5-90L	.05	.05	.04	7-60L	0	.01	0
5-95L	.05	.07	.04	7-70L	0	0	-.01
6-OC	-4.16	-4.23	-3.97	7-90L	.03	.03	.01
6-5U	-1.89	-1.89	-1.96	7-95L	.04	.05	.03
6-14U	-1.05	-1.05	-1.10	8-OC	-1.89	-2.01	-1.97
6-19U	-.01	0	-.03	8-1.25U	-1.72	-1.81	-1.74
6-32U	-.62	-.53	-.54	8-2.5U	-1.78	-1.86	-1.79
6-44U	-.47	-.38	-.41	8-5U	-1.67	-1.76	-1.76
6-60U	-.26	-.26	-.27	8-8U	-1.42	-1.54	-1.62
6-70U	-.16	-.16	-.18	8-14U	-1.01	-1.16	-1.30
6-80U	-.07	-.07	-.09	8-19U	-.88	-.97	-.11
6-90U	.03	.03	.03	8-60U	-.05	-.01	-.01
6-100C	.05	.05	.04	8-80U	-.08	-.08	-.09
6-1.25L	.68	.68	.68	8-90U	-.03	-.03	-.04
6-2.5L	.77	.78	.77	8-95U	-.03	-.01	-.03
6-5L	.69	.70	.69	8-100C	0	.01	-.01

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TABLE 9.- CONTINUED
(b) Continued

ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$	ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$
4-90L	0.04	0.04	0.04	6-8L	0.58	0.59	0.58
4-95L	.04	.04	.04	6-14L	.41	.41	.41
5-0C	-4.77	-5.18	-4.94	6-19L	.32	.33	.32
5-1.25U	3.35	-3.58	-3.46	6-38L	.12	.12	.12
5-8U	-1.31	-1.38	-1.32	6-44L	.08	.08	.08
5-14U	-.99	-1.04	1.00	6-60L	0	-.01	0
5-19U	-.87	-.66	-.89	6-70L	.08	.08	.08
5-38U	-.53	-.55	-.54	7-0C	-1.85	-1.99	-1.85
5-44U	-.45	-.48	-.45	7-5U	-1.74	-1.81	-1.76
5-60U	-.30	-.31	-.31	7-8U	-1.62	-1.70	-3.40
5-70U	-.20	-.22	-.20	7-14U	-1.23	-1.29	-1.24
5-80U	-.09	-1.46	-.09	7-19U	-.99	-1.04	-1.00
5-90U	-.01	-.01	-.01	7-38U	-.51	-.53	-.50
5-95U	-.03	.01	.03	7-60U	-.27	-.29	-.27
5-1.25L	.65	.64	.65	7-90U	-.05	-.05	-.05
5-2.5L	.76	.77	.77	7-95U	-.01	-.03	-.01
5-5L	.68	.70	.68	7-1.25L	.72	.73	.72
5-8L	.57	.59	.57	7-2.5L	.73	.79	.73
5-14L	.42	.44	.42	7-5L	.65	.66	.65
5-19L	.32	.33	.36	7-8L	.54	.55	.54
5-38L	.13	.14	.13	7-14L	.39	.38	.38
5-44L	.11	.11	.11	7-19L	.30	.30	1.24
5-60L	0	0	0	7-32L	.13	.15	.15
5-70L	.07	.07	.07	7-44L	.07	.07	.07
5-90L	.04	.04	.04	7-60L	0	-.01	0
5-95L	.05	.04	.05	7-70E	0	-.01	.01
6-0C	-3.82	-3.00	-3.76	7-75E	.01	0	.01
6-5U	-1.97	-2.03	-2.01	7-25L	.03	.03	.01
6-14U	-1.11	-1.19	-2.47	8-10	-2.04	-2.01	-2.06
6-19U	-.01	-.03	-.03	8-1.25U	-1.80	-1.79	-1.85
6-32U	-.55	-.59	-.57	8-2.5U	-1.85	-1.84	-1.92
6-44U	-.41	-.42	-.41	8-5U	-1.78	-1.77	-1.82
6-60U	-.27	-.30	-.28	8-8U	-1.62	-1.59	-1.57
6-70U	-.19	-.21	-.19	8-14U	-1.29	-1.18	-1.10
6-80U	-.09	-.11	-.09	8-19U	-.77	-1.03	-.53
6-90U	.03	.01	.03	8-60U	-.01	-.01	-.01
6-100C	.04	.04	.04	8-80U	-.09	-.10	-.09
6-1.25L	.68	.70	.68	8-90U	-.04	-.05	-.04
6-2.5L	.77	.77	.77	8-95U	-.03	-.03	-.03
6-5L	.69	.68	.69	8-100C	-.01	-.03	-.01

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TABLE 9.- CONTINUED
(b) Continued

ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$	ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$
4-90L	0.03	0.03	0.03	6-8L	0.59	0.59	0.59
4-95L	.03	.03	.03	6-14L	.41	.41	.41
5-0C	-5.28	-5.38	-5.50	6-19L	.33	.33	.33
5-1.25U	-3.66	-3.70	-3.75	6-38L	.12	.12	.12
5-8U	-1.41	-1.43	-1.58	6-44L	.07	.08	.08
5-14U	-1.07	-1.10	-1.11	6-60L	-.01	-.01	-.01
5-19U	-.95	-.97	-.99	6-70L	.07	.07	.08
5-38U	-.56	-.58	-.58	7-0C	-2.03	-2.07	-2.12
5-44U	-.48	-.48	-.49	7-5U	-1.86	-1.87	-1.87
5-60U	-.23	-.33	-.33	7-8U	-1.71	-1.73	-1.72
5-70U	-.15	-.22	-.22	7-14U	-1.26	-1.27	-1.27
5-80U	-.12	-.12	-.12	7-19U	-1.01	-1.01	-1.01
5-90U	-.03	-.03	-.03	7-38U	-.53	-.53	-.52
5-95U	0	0	0	7-60U	-.29	-.29	-.27
5-1.25L	.64	.63	.63	7-90U	-.07	-.07	-.07
5-2.5L	.78	.78	.78	7-95U	-.03	-.03	-.03
5-5L	.70	.70	.70	7-1.25L	.71	.71	.71
5-8L	.59	.59	.59	7-2.5L	.75	.75	.75
5-14L	.44	.44	.44	7-5L	.66	.66	.66
5-19L	.33	.33	.34	7-8L	.55	.55	.55
5-38L	.12	.12	.14	7-14L	.40	.40	.40
5-44L	.11	.11	.11	7-19L	.30	.30	.30
5-60L	0	0	0	7-32L	.15	.15	.16
5-70L	.07	.07	.07	7-44L	.07	.07	.07
5-90L	.04	.04	.04	7-60L	-.01	-.01	-.01
5-95L	.04	.04	.04	7-70L	-.01	-.01	.01
6-0C	-2.27	-2.12	-1.98	7-90L	0	0	-.01
6-5U	-2.08	-2.07	-2.01	7-95L	.01	.01	0
6-14U	-1.38	-1.30	-1.30	8-0C	-2.03	-2.07	-2.06
6-19U	-.03	-.03	-.03	8-1.25U	-1.78	-1.79	-1.82
6-32U	-.60	-.62	-.63	8-2.5U	-1.83	-1.86	-1.90
6-44U	-.44	-.45	-.45	8-5U	-1.78	-1.81	-1.83
6-60U	-.30	-.30	-.31	8-8U	-1.63	-1.62	-1.58
6-70U	-.21	-.21	-.21	8-14U	-1.27	-1.19	-1.11
6-80U	-.12	-.14	-.14	8-19U	-.11	-1.06	.95
6-90U	.01	.01	.03	8-60U	0	0	0
6-100C	.03	.01	.01	8-80U	-.18	-.10	-.10
6-1.25L	.70	.71	.70	8-90U	-.05	-.05	-.05
6-2.5L	.75	.75	.75	8-95U	-.04	-.04	.04
6-5L	.68	.67	.67	8-100C	-.03	-.03	-.03

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(TABLE 9. - CONTINUED)
(b) Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$
8-1.25L	0.63	0.74	0.74	11-32U	-0.66	-0.64	-0.67
8-2.5L	.60	.78	.77	12-32U	-1.15	-1.11	-1.14
8-5L	.73	.46	.64	TIP-32C	-1.18	-1.15	-1.18
8-8L	.86	.36	.51	11-32L	-.15	-.13	-.15
8-14L	1.01	.26	.36	10-32L	0	.01	0
8-19L	.27	.28	.27	10-70U	-.40	-.41	-.44
8-32L	.14	.15	.14	11-70U	-.66	-.61	-.63
8-38L	.10	.11	.10	12-70U	-.56	-.51	-.52
8-44L	.05	.07	.05	TIP-70C	.01	-.04	.03
8-60L	-.07	-.05	-.07	12-70L	-1.10	-1.03	-1.04
8-95L	.05	.05	.04	11-70L	-.26	-.23	-.25
9-0C	-1.25	-1.14	-1.12	10-70L	-.10	-.08	-.10
9-1.25U	-1.51	-1.47	-1.44	FIN-1	-.16	-.15	-.16
9-2.5U	-1.47	-1.46	-1.43	FIN-2	-.42	-.39	-.42
9-5U	-1.44	-1.31	-1.43	FIN-3	-.04	-.03	-.08
9-14U	-.99	-.97	-1.03	FIN-4	.04	-.05	.08
9-19U	-.74	-.73	.78	FIN-5	.12	.13	.15
9-32U	-.38	-.38	-.41	FIN-6	.14	.15	.14
9-44U	-.27	-.26	-.29	FIN-7	-2.06	-2.01	-2.06
9-70U	-.14	-.12	-.13	FIN-8	.05	.07	.05
9-80U	-.10	-.09	-.11	FIN-9	.07	.08	.07
9-100C	-.01	-.01	-.03	FIN-10	.05	.07	.07
9-1.25L	.64	.74	.74	FIN-11	.03	.05	.04
9-5L	.58	.58	.58	FIN-12	.05	.07	.05
9-8L	.44	.45	.44	FIN-13	-1.88	-1.81	-1.82
9-14L	.27	.28	.27	FIN-14	-.15	-.13	-.14
9-19L	.19	.20	.19	FIN-15	.03	.04	.03
9-32L	.04	.05	.04	FIN-16	.04	.05	.04
9-38L	.04	.05	.04	FIN-17	.07	.08	.07
9-44L	.05	.07	.05	FIN-18	.05	.07	.05
9-70L	-.05	-.04	.05	FIN-19	.01	.03	.03
9-90L	.01	.03	.01	FIN-20	.04	.05	.04
9-95L	.05	.07	.05	FIN-21	-.10	-.08	-.10
2S-60U	-.16	-.15	.16	FIN-22	-.01	.13	-.01
2S-60L	-.03	-.03	-.03	FIN-23	0	.15	0
5S-60U	-.08	-.05	-.08	FIN-24	.01	.04	.03
5S-60L	0	.01	0	FIN-25	-.23	-.20	-.22
8S-60U	-.15	-.15	-.16	FIN-26	-.15	-.13	-.14
8S-60L	0	.01	0	FIN-27	-.08	-.07	-.08
10-32U	.01	.04	.03	FIN-28	-.07	-.08	-.07

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TABLE 9. - CONTINUED
(b) Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
8-1.25L	.74	.73	.73	11-32U	-0.66	-0.66	-0.67
8-2.5L	.75	.74	.75	12-32U	-1.10	-1.10	-1.11
8-5L	.63	.62	.63	TIP-32C	-1.16	-1.15	-1.18
8-8L	.51	.50	.51	11-32L	-.15	-.15	-.15
8-14L	.36	.35	.36	10-32L	0	-.01	0
8-19L	.27	.27	.27	10-70U	-.47	-.47	-.52
8-32L	.14	.14	.14	11-70U	-.58	-.57	-.56
8-38L	.08	.08	.08	12-70U	-.47	-.46	-.47
8-44L	.04	.04	.04	TIP-70C	.03	.03	.03
8-60L	-.07	-.07	-.07	12-70L	-.95	-.95	-.95
8-95L	.03	.03	.01	11-70L	-.23	-.23	-.23
9-0C	-1.07	-1.03	-1.25	10-70L	-.10	-.09	-.10
9-1.25U	-1.40	-1.32	-1.57	FIN-1	-.16	-.16	-.16
9-2.5U	-1.37	-1.32	-1.55	FIN-2	-.42	-.39	-.40
9-5U	-1.36	-1.31	-1.49	FIN-3	-.04	-.03	-.03
9-14U	-1.01	-1.03	-1.03	FIN-4	.05	.05	.04
9-19U	.79	.81	.78	FIN-5	.14	.12	.12
9-32U	-.42	-.43	-.42	FIN-6	.15	.13	.14
9-44U	-.29	-.28	-.29	FIN-7	-2.06	-1.96	-1.94
9-70U	-.14	-.13	-.14	FIN-8	.07	.07	.07
9-80U	-.11	-.12	-.12	FIN-9	.08	.08	.07
9-100C	-.04	-.05	-.05	FIN-10	.07	.07	.07
9-1.25L	.74	-.73	.74	FIN-11	.04	.04	.04
9-5L	.58	.57	.58	FIN-12	.05	.05	.05
9-8L	.42	.42	.44	FIN-13	-1.81	-1.75	-1.71
9-14L	.53	.27	.27	FIN-14	-.14	-.13	-.14
9-19L	.18	.18	.19	FIN-15	.03	.03	-.03
9-32L	.04	.04	.04	FIN-16	.04	.04	.04
9-38L	.03	.04	.04	FIN-17	.07	.08	.08
9-44L	.04	.04	.04	FIN-18	.07	.05	.07
9-70L	-.07	-.07	-.07	FIN-19	.03	.03	.03
9-90L	0	0	0	FIN-20	.04	.04	.04
9-95L	.04	.03	.03	FIN-21	-.08	-.08	-.08
2S-60U	-.18	-.18	-.19	FIN-22	-.01	-.01	-.01
2S-60L	-.04	-.04	-.04	FIN-23	0	0	0
5S-60U	-.08	-.08	-.08	FIN-24	.03	.03	.03
5S-60L	0	-.01	-.01	FIN-25	-.22	-.22	-.21
8S-60U	.18	.18	.18	FIN-26	-.14	-.13	-.14
8S-60L	-.01	-.01	-.01	FIN-27	-.08	-.07	-.07
10-32U	.03	.03	.03	FIN-28	-.07	-.05	-.05

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TABLE 9. - CONTINUED
(b) Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
8-1.25L	.73	.73	.74	11-32U	-0.68	-0.68	0.70
8-2.5L	.75	.75	.75	12-32U	-1.11	-1.12	-1.14
8-5L	.63	.63	.63	TIP-32C	-1.04	-1.19	.16
8-8L	.51	.51	.51	11-32L	-.15	-.16	-.16
8-14L	.36	.36	.36	10-32L	-.01	-.01	-.01
8-19L	.27	.27	.26	10-70U	-.53	-.52	-.52
8-32L	.14	.14	.12	11-70U	-.56	-.58	-.58
8-38L	.08	.08	.08	12-70U	-.45	-.48	-.47
8-44L	.04	.04	.04	TIP-70C	.01	.03	.03
8-60L	-.08	-.08	-.08	12-70L	-.93	-.96	-.95
8-95L	0	.01	0	11-70L	-.23	-.23	-.23
9-0C	-1.19	-1.25	-.97	10-70L	-.10	-.11	-.11
9-1.25U	-1.51	-1.54	-1.25	FIN-1	-.16	-.16	-.16
9-2.5U	-1.49	-1.54	-1.25	FIN-2	-.40	-.37	-.37
9-5U	-1.45	-1.47	-1.25	FIN-3	-.03	0	-.01
9-14U	-1.04	-1.04	1.07	FIN-4	.04	.05	.05
9-19U	-.82	-.81	-.89	FIN-5	.12	.12	.12
9-32U	-.44	-.44	-.48	FIN-6	.14	.14	.14
9-44U	-.30	-.30	-.31	FIN-7	-1.92	-1.83	-1.81
9-70U	-.15	-.15	-.16	FIN-8	.07	.08	.08
9-80U	-.12	-.12	-.14	FIN-9	.07	.08	.08
9-100C	-.07	-.07	-.08	FIN-10	.05	.07	.07
9-1.25L	.74	.74	.74	FIN-11	.04	.04	.04
9-5L	.58	.58	.58	FIN-12	.05	.05	.05
9-8L	.44	.44	.42	FIN-13	-1.67	-1.54	-1.56
9-14L	.27	.27	.26	FIN-14	-.14	-.12	-.12
9-19L	.18	.19	.18	FIN-15	.03	.03	.03
9-32L	.04	.04	.03	FIN-16	.04	.04	.04
9-38L	.03	.03	.03	FIN-17	.07	.08	.08
9-44L	.04	.04	.04	FIN-18	.05	.07	.05
9-70L	-.07	-.07	-.07	FIN-19	.03	.03	.03
9-90L	-.01	0	-.01	FIN-20	.04	.04	.04
9-95L	.03	.03	.03	FIN-21	-.08	-.08	-.08
2S-60U	-.21	-.21	-.22	FIN-22	-.01	-.01	-.01
2S-60L	-.04	-.05	-.05	FIN-23	0	0	0
5S-60U	-.10	-.10	-.10	FIN-24	.03	.03	.03
5S-60L	-.01	-.01	-.01	FIN-25	-.21	-.21	-.21
8S-60U	-.19	-.19	-.19	FIN-26	-.14	-.12	-.12
8S-60L	-.01	-.01	-.03	FIN-27	-.07	-.07	-.07
10-32U	.01	.03	.03	FIN-28	-.05	-.05	-.05

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TABLE 9. - CONTINUED
 (b.) Continued

ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$	ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$
8-1.25L	0.74	0.72	0.71	11-32U	-0.70	-0.68	-0.71
8-2.5L	.75	.74	.74	12-32U	-1.14	-1.11	-1.12
8-5L	.63	.64	.63	TIP-32C	-1.21	-1.16	-1.21
8-8L	.51	.51	.51	11-32L	-.16	-.15	-.16
8-14L	.34	.36	.36	10-32L	-.01	0	-.01
8-19L	.26	.28	.27	10-70U	-.53	-.54	-.58
8-32L	.12	.13	.13	11-70U	-.58	-.55	-.56
8-38L	.08	.09	.08	12-70U	-.48	-.46	-.47
8-44L	.04	.05	.04	TIP-70C	.03	.04	.01
8-60L	-.10	-.08	-.10	12-70L	-.96	-.95	-.93
8-95L	0	.01	0	11-70L	-.25	-.23	-.23
9-OC	-1.00	-1.37	-1.31	10-70L	-.11	-.09	-.11
9-1.25U	-1.27	-1.67	-1.60	FIN-1	-.16	-.13	-.16
9-2.5U	-1.27	-1.66	-1.60	FIN-2	-.36	-.34	-.36
9-5U	-1.27	-1.58	-1.12	FIN-3	-.01	.01	0
9-14U	-1.08	-1.04	-1.10	FIN-4	.05	.07	.05
9-19U	.89	.77	.85	FIN-5	.12	.13	.14
9-32U	-.48	-.42	-.47	FIN-6	.14	.15	.14
9-44U	-.33	-.28	-.33	FIN-7	-1.79	-1.67	-1.77
9-70U	-.16	-.13	-.16	FIN-8	.08	.09	.08
9-80U	-.14	-.12	-.15	FIN-9	.08	.08	.08
9-100C	-.08	-.07	-.08	FIN-10	.07	.08	.07
9-1.25L	.74	.74	.74	FIN-11	.04	.05	.04
9-5L	.58	.59	.59	FIN-12	.05	.07	.05
9-8L	.42	.45	.44	FIN-13	-1.53	-1.42	-1.49
9-14L	.26	.28	.27	FIN-14	.12	-.11	-.11
9-19L	.18	.19	.18	FIN-15	.03	.04	.04
9-32L	.03	.04	.04	FIN-16	.04	.05	.05
9-38L	.03	.04	.03	FIN-17	.08	.09	.08
9-44L	.04	.05	.05	FIN-18	.07	.08	.07
9-70L	-.07	-.05	-.07	FIN-19	.03	.03	.03
9-90L	-.01	0	-.01	FIN-20	.04	.05	.04
9-95L	.31	.03	.01	FIN-21	-.08	-.07	-.11
2S-60U	-.23	-.23	-.26	FIN-22	-.01	0	-.01
2S-60L	-.07	-.05	-.07	FIN-23	0	.01	0
5S-60U	-.11	-.09	-.12	FIN-24	.03	.04	.01
5S-60L	-.01	-.01	-.03	FIN-25	-.21	-.19	-.21
8S-60U	.21	.19	.21	FIN-26	-.12	-.12	-.14
8S-60L	-.03	-.05	-.03	FIN-27	-.21	-.05	-.07
10-32U	.03	.04	-.03	FIN-28	-.19	-.05	-.05

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TABLE 9. - CONCLUDED
(b) Concluded

ORIFICE	$s_e = 16$	$s_e = 20$	$s_e = 24$	ORIFICE	$s_e = 16$	$s_e = 20$	$s_e = 24$
8-1.25L	.73	.71	.71	11-32U	-0.71	-0.73	-0.71
8-2.5L	.75	.74	.74	12-32U	-1.14	-1.14	-1.12
8-5L	.64	.64	.63	TIP-32C	-1.22	-1.22	-1.22
8-8L	.51	.51	.52	11-32L	-.16	-.16	-.16
8-14L	.36	.36	.36	10-32L	-.01	-.01	-.01
8-19L	.27	.27	.25	10-70U	-.59	-.60	-.62
8-32L	.12	.12	.12	11-70U	-.56	-.55	-.55
8-38L	.08	.08	.08	12-70U	-.47	-.47	-.45
8-44L	.04	.04	.04	TIP-70C	.03	.03	.03
8-60L	-.10	-.11	-.11	12-70L	-.93	.44	-.93
8-95L	-.01	-.01	-.01	11-70L	-.25	-.25	-.23
9-OC	-1.23	-1.36	-1.47	10-70L	-.11	-.11	-.11
9-1.25U	-1.52	-1.64	-1.77	FIN-1	-.15	-.15	-.16
9-2.5U	-1.51	-1.63	-1.75	FIN-2	-.34	-.34	-.34
9-5U	-1.47	-1.56	-1.64	FIN-3	0	0	0
9-14U	-1.11	-1.11	-1.11	FIN-4	.05	.05	.05
9-19U	-.88	-.86	-.85	FIN-5	.14	.12	.12
9-32U	-.48	-.47	-.45	FIN-6	.15	.14	.14
9-44U	-.33	-.33	-.33	FIN-7	-1.71	-1.68	-1.68
9-70U	-.16	-.16	-.16	FIN-8	.08	.08	.08
9-80U	-.15	-.15	-.15	FIN-9	.08	.08	.08
9-100C	-.10	-.10	-.10	FIN-10	.07	.07	.07
9-1.25L	.74	.74	.73	FIN-11	.04	.04	.04
9-5L	.59	-.59	.59	FIN-12	.05	.05	.05
9-8L	.44	.44	.45	FIN-13	-1.45	-1.43	-1.41
9-14L	.27	.27	.27	FIN-14	-.11	-.11	-.11
9-19L	.28	.18	.19	FIN-15	.04	.04	.04
9-32L	.03	.04	.03	FIN-16	.05	.05	.05
9-38L	.03	.44	.03	FIN-17	.08	.08	.08
9-44L	.04	.04	.04	FIN-18	.07	.07	.07
9-70L	-.08	-.08	-.08	FIN-19	.03	.01	.01
9-90L	-.01	-.03	-.03	FIN-20	.04	.04	.04
9-95L	.01	.01	0	FIN-21	-.08	-.08	-.08
2S-60U	-.26	-.27	-.29	FIN-22	-.01	-.01	-.01
2S-60L	-.07	-.07	-.07	FIN-23	0	.03	0
5S-60U	-.12	-.11	-.12	FIN-24	.03	-.21	.03
5S-60L	-.03	-.03	-.03	FIN-25	-.19	-.14	-.21
8S-60U	-.21	-.22	-.22	FIN-26	-.12	-.07	-.14
8S-60L	-.03	-.03	-.03	FIN-27	-.07	-.07	-.08
10-32U	03	03	01	FIN-28	-.05	--	-.07

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-1-32U	.09	.08	.07	3-95U	.01	.01	.01
1-70L	.11	.11	.11	3-1.25L	-1.51	-1.48	-1.43
1-80U	-.01	-.03	-.03	3-2.5L	-1.23	-1.22	-1.18
1-90U	.01	-.01	-.03	3-5L	-.99	-.97	-.96
1-95U	.01	.01	.01	3-8L	-.72	-.70	-.69
1-2.5L	-.69	-.68	-.64	3-14L	-.55	-.54	-.54
1-5L	-.55	-.54	-.51	3-32L	-.34	-.34	-.34
1-14L	-.38	-.38	-.36	3-38L	-.31	-.31	-.31
1-19L	-.36	-.35	-.35	3-60L	-.20	-.19	-.19
1-32L	-.28	-.27	-.27	3-80L	.05	-.05	-.05
1-38L	-.28	-.28	-.27	3-95L	.04	.05	.05
1-60L	-.20	-.20	-.19	4-0C	-1.93	-1.85	-1.73
1-70L	-.15	-.15	-.15	4-1.25L	.62	.62	.62
1-80L	-.09	-.09	-.09	4-2.5L	.58	.58	.57
2-1.25U	.54	.53	.53	4-14U	.18	.18	.16
2-2.5U	.51	.50	.49	4-19U	.16	.16	.15
2-5U	.39	.39	.36	4-32U	.07	.07	.05
2-12U	.09	.09	.08	4-38U	.04	.03	.03
2-13U	.01	.01	.01	4-60U	-.05	-.07	-.07
2-14U	.01	0	0	4-70U	.05	.05	.05
2-70U	.05	0	0	4-90U	.03	.03	.03
2-80U	0	0	0	4-95U	.05	.05	.05
2-95U	.03	.03	.01	4-100C	.09	.09	.09
2-100C	.01	.01	.01	4-2.5L	1.23	1.22	1.18
2-1.25L	-.1.26	-.1.23	-.1.18	4-5L	.93	.92	.89
2-2.5L	-.1.03	-.1.01	-.097	4-8L	-.70	-.69	-.68
2-5L	-.68	-.80	-.77	4-14L	.63	.61	.59
2-14L	-.50	-.49	-.49	4-19L	-.51	-.51	-.50
2-32L	-.32	-.32	-.32	4-32L	-.32	-.32	-.32
2-38L	-.31	-.31	-.31	4-38L	-.34	-.34	-.34
2-44L	.28	.28	.28	4-44L	.28	.28	.28
2-70L	.15	.13	.13	4-60L	-.19	-.19	-.18
2-95L	.03	.03	.03	4-80L	-.04	-.03	-.04

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TABLE 10.— CONTINUED
(a) Continued

ORIFICE	$\delta_e = -20'$	$\delta_e = -16'$	$\delta_e = -12'$	ORIFICE	$\delta_e = -20'$	$\delta_e = -16'$	$\delta_e = -12'$
1-OC	-0.54	-0.46	-0.42	3-1.25U	0.61	0.59	0.59
1-1.25U	.50	.46	.46	3-3U	.31	.30	.28
1-2.5U	.43	.41	.39	3-14U	.18	.19	.16
1-5U	.34	.31	.30	3-19U	.12	.11	.09
1-8U	.26	.23	.36	3-32U	.05	.04	.03
1-14U	.18	.16	.15	3-60U	-.01	-.03	-.04
1-19U	.11	.09	.07	3-70U	.05	.05	-.04
1-32U	.08	.03	.01	3-95U	.01	.01	0
1-70II	-.11	-.12	-.12	3-1.25L	-.141	-.134	-.131
1-80U	-.04	-.05	-.07	3-2.5L	-1.16	-1.14	-1.11
1-90II	-.03	-.04	-.05	3-5L	-.95	-.92	-.91
1-95U	.01	0	0	3-8L	-.68	-.68	-.66
1-2.5L	-.64	-.61	-.87	3-14L	-.53	-.51	-.51
1-5L	-.12	-.50	-.49	3-32L	-.34	-.34	-.32
1-14L	-.36	-.36	-.35	3-38L	-.31	-.31	-.31
1-19L	-.35	-.35	-.35	3-60L	-.19	-.19	-.19
1-32L	-.27	-.27	-.27	3-90L	.05	.07	.07
1-38L	-.27	-.27	-.27	3-95L	.05	.04	.04
1-60L	-.20	-.20	-.20	4-0C	-1.61	-1.41	-1.44
1-70L	-.15	-.15	-.15	4-1.25U	.62	.61	.61
1-80L	-.09	-.11	-.11	4-2.5U	.57	.55	.54
2-1.25U	.50	.47	.45	4-14U	.16	.15	.13
2-2.5U	.49	.46	.45	4-19U	.13	.12	.11
2-5U	.35	.34	.32	4-32U	.05	.04	.03
2-32U	.07	.05	.04	4-38U	.01	0	-.01
2-38U	-.01	-.05	-.08	4-60U	-.07	-.08	-.09
2-44II	-.01	-.03	-.04	4-70U	.04	.04	.03
2-70U	.03	.01	0	4-90U	.01	0	.01
2-80U	-.01	-.03	-.03	4-95U	.05	.04	.18
2-95U	.01	.01	.01	4-100C	.11	.09	.09
2-100C	.01	.01	.01	4-2.5L	1.15	1.14	1.11
2-1.25L	-1.16	-1.11	-1.07	4-5L	.88	.87	.85
2-2.5L	-.96	-.93	-.91	4-8L	-.66	-.66	-.65
2-5L	-.77	-.74	-.73	4-14L	.58	.58	.58
2-14L	-.47	-.47	-.46	4-19L	-.50	-.50	-.50
2-32L	-.32	-.31	-.31	4-32L	-.31	-.32	-.31
2-38L	-.31	-.30	-.31	4-38L	-.34	-.34	-.35
2-44L	-.28	-.28	-.28	4-44L	-.28	-.28	-.28
2-70L	.15	.15	.15	4-60L	-.18	-.19	-.19
2-95L	.03	.01	.01	4-80L	-.03	-.04	-.04

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TABLE 10. - CONTINUED
(a) Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
1-OC	-0.36	-0.30	-0.35	3-1.25U	0.59	0.59	0.58
1-1.25U	.42	.42	.45	3-3U	.27	.26	.26
1-2.5U	.38	.35	.38	3-14U	.15	.13	.12
1-5U	.28	.26	.27	3-19U	.08	.07	.07
1-8U	.22	.19	.19	3-32U	.01	0	0
1-14U	.13	.11	.11	3-60U	-.04	-.05	-.05
1-19U	.05	.04	.04	3-70U	.03	0	0
1-32U	0	-.03	-.04	3-95U	0	0	0
1-70U	-.13	-.13	-.15	3-1.25L	1.27	1.24	1.23
1-80U	-.08	-.09	-.11	3-2.5L	-1.10	-1.07	-1.07
1-90U	-.07	-.07	-.08	3-5L	-.89	-.88	-.88
1-95U	0	0	-.01	3-8L	.70	-.65	-.64
1-2.5L	-.57	-.55	-.57	3-14L	-.46	-.51	-.51
1-5L	-.51	-.46	-.49	3-32L	-.34	-.32	-.34
1-14L	-.38	-.35	-.35	3-38L	-.31	-.31	-.31
1-19L	-.36	-.34	-.34	3-60L	-.20	-.20	-.20
1-32L	-.27	-.27	-.27	3-80L	.07	.07	.07
1-38L	-.27	-.27	-.28	3-95L	.04	.04	.04
1-60L	-.20	-.22	-.22	4-OC	-1.35	-1.27	-1.20
1-70L	-.16	-.16	-.18	1-1.25U	.61	.61	.59
1-80L	-.11	-.12	-.12	1-2.5U	.54	.69	.66
2-1.25U	.45	.54	.15	4-14U	.12	.11	.09
2-2.5U	.45	.42	.43	4-19U	.09	.08	.08
2-5U	.31	.30	.30	4-32U	.01	0	0
2-72U	.03	0	0	4-38U	-.01	0	-.04
2-32L	-.08	.11	.11	4-60U	-.09	-.11	-.12
2-44L	-.04	.01	-.08	4-70U	.03	.01	.01
2-70U	-.03	-.05	-.05	4-90U	.01	0	0
2-80U	-.04	-.04	-.05	4-95U	.04	.04	.04
2-95U	0	0	0	4-100C	.09	.09	.09
2-100C	0	0	0	4-2.5L	1.08	1.05	1.04
2-1.25L	-1.04	---	-1.01	4-5L	.84	.82	.81
2-2.5L	-.89	-.87	-.88	4-8L	-.64	-.62	-.62
2-5L	-.72	-1.00	-.72	4-14L	-.57	-.57	-.57
2-14L	-.46	-.46	-.46	4-19L	-.49	-.49	-.49
2-32L	-.31	-.32	-.32	4-32L	-.31	-.31	-.31
2-38L	-.31	-.32	-.31	4-38L	-.34	-.34	-.34
2-44L	-.28	-.28	-.28	4-44L	-.28	-.28	-.28
2-70L	-.15	-.16	-.16	4-60L	-.19	-.19	-.19
2-95L	.01	0	0	4-80L	-.04	-.04	-.05

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TABLE 10. - CONTINUED
(a) Continued

ORIFICE	$\delta_a = 4$	$\delta_a = 8$	$\delta_a = 12$	ORIFICE	$\delta_a = 4$	$\delta_a = 8$	$\delta_a = 12$
1-OC	-0.31	-0.28	-0.24	3-1.25U	0.58	0.58	0.57
1-1.25U	.42	.42	.42	3-8U	.23	.23	.22
1-2.5U	.35	.34	.32	3-14U	.11	.09	.08
1-5U	.26	.24	.23	3-19U	.04	.04	.03
1-8U	.16	.16	.15	3-32U	-.01	-.03	-.04
1-14U	.12	.08	.07	3-60U	-.07	-.08	-.09
1-19U	.01	0	-.01	3-70U	-.03	-.04	-.04
1-32U	-.05	-.07	-.08	3-95U	-.01	-.01	-.01
1-70U	.16	.16	.18	3-1.25L	.19	.16	.14
1-80U	-.12	-.13	-.15	3-2.5L	-.04	-.03	-.01
1-90U	-.09	-.11	-.11	3-5L	-.87	-.85	-.85
1-95U	-.01	-.03	-.04	3-8L	-.64	-.62	-.62
1-2.5L	-.55	-.54	-.54	3-14L	-.51	-.50	-.50
1-5L	-.47	-.46	-.46	3-32L	-.34	-.34	-.34
1-14L	-.35	-.35	-.35	3-38L	-.31	-.31	-.32
1-19L	-.34	-.34	-.34	3-60L	-.22	-.22	-.22
1-32L	-.28	-.27	-.27	3-80L	-.08	-.08	-.08
1-38L	-.28	-.28	-.28	3-95L	-.04	-.03	-.03
1-60L	-.22	-.22	-.23	4-0C	-.11	-.105	.36
1-70L	-.18	-.19	-.20	4-1.25L	.59	.58	.58
1-80L	-.13	-.13	-.15	4-2.5L	.51	.50	.49
2-1.25U	.53	.51	.51	4-14U	.08	.07	.07
2-2.5U	.41	.39	.39	4-19U	.07	.05	.05
2-5U	.27	.26	.26	4-32U	-.01	-.03	-.03
2-32U	-.03	-.04	-.05	4-38U	-.03	-.04	-.04
2-38U	.13	.15	.16	4-60U	-.12	-.13	-.13
2-44U	-.04	-.05	-.07	4-70U	0	0	0
2-70U	-.08	-.09	-.12	4-90U	0	-.01	-.01
2-80U	-.07	-.07	-.08	4-95U	.04	.03	.03
2-90U	-.01	-.01	-.01	4-100C	.09	.09	.09
2-100C	0	-.01	-.01	4-2.5L	.13	.10	.06
2-1.25L	-.97	-.95	-.93	4-5L	.82	.80	.78
2-2.5L	-.85	-.84	-.84	4-8L	-.61	-.61	-.62
2-5L	-.69	-.69	-.69	4-14L	.57	.57	.57
2-14L	-.45	-.45	-.45	4-19L	-.49	-.49	-.49
2-32L	-.32	-.32	-.32	4-32L	-.32	-.32	-.32
2-38L	-.32	-.32	-.32	4-38L	-.34	-.34	-.34
2-44L	-.28	-.28	-.28	4-44L	-.28	-.28	-.28
2-70L	-.16	-.18	-.18	4-60L	-.20	-.20	-.20
2-95L	0	0	-.01	4-80L	-.05	-.05	-.05

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TABLE 10. - CONTINUED
(a) Continued

ORIFICE	$\delta_0 = 16$	$\delta_0 = 20$	$\delta_0 = 24$	ORIFICE	$\delta_0 = 16$	$\delta_0 = 20$	$\delta_0 = 24$
1-OC	-0.24	-0.22	-0.26	3-1.25U	0.57	0.57	0.55
1-1.25U	.39	.38	.41	3-8U	.20	.19	.18
1-2.5U	.32	.31	.32	3-14U	.08	.07	.05
1-5U	.22	.20	.22	3-19U	.01	0	-.01
1-8U	.13	.12	.12	3-32U	-.05	-.46	-.07
1-14J	.05	.04	.04	3-60U	-.09	-.49	-.12
1-19U	-.03	-.04	-.04	3-70U	-.05	-.47	-.07
1-32U	-.09	-.11	-.13	3-95U	-.03	-.03	-.03
1-70U	.19	.19	.20	3-1.25L	-.12	-.10	-.08
1-80U	-.16	-.16	-.18	3-2.5L	-1.01	-.99	.36
1-90U	.12	.13	.15	3-5L	-.84	-.82	-.84
1-95U	-.05	-.05	-.08	3-8L	-.62	-.62	-.59
1-2.5L	-.53	-.53	-.55	3-14L	-.50	-.50	-.50
1-5L	-.45	-.45	-.46	3-32L	-.35	-.34	-.34
1-14L	-.35	-.35	-.35	3-38L	-.32	-.32	-.32
1-19L	-.34	-.34	-.35	3-60L	-.23	-.23	-.23
1-32L	-.27	-.27	-.28	3-80L	-.09	-.07	-.09
1-38L	-.28	-.28	-.28	3-95L	.03	.03	.01
1-60L	-.23	-.38	-.24	4-OC	-.95	-.91	-.88
1-70L	-.20	-.35	-.22	4-1.25U	.58	.57	.57
1-80L	-.15	-.16	-.16	4-2.5U	.49	.34	.47
2-1.25U	.50	.50	.49	4-14U	.05	.04	.04
2-2.5U	.38	.36	.36	4-19U	.04	.03	.03
2-5U	.23	.23	.22	4-32U	-.04	-.04	-.05
2-32U	-.05	-.07	-.08	4-38U	-.05	-.07	-.08
2-50U	.18	.19	.20	4-60U	-.15	-.15	-.16
2-14U	-.08	.09	.11	4-70U	-.01	-.01	-.01
2-70U	-.13	-.15	-.16	4-90U	-.01	-.01	-.01
2-80U	-.09	-.09	-.11	4-95U	.03	.03	.03
2-95U	-.03	-.03	-.03	4-100C	.09	.09	.09
2-100C	-.01	-.01	-.01	4-2.5L	-.97	-.96	-.96
2-1.25L	-.91	-.89	-.91	4-5L	-.78	-.78	-.77
2-2.5L	-.81	-.81	-.81	4-8L	-.59	-.59	-.59
2-5L	-.68	-.68	-.68	4-14L	-.55	-.55	-.57
2-14L	-.45	-.45	-.46	4-19L	-.49	-.49	-.49
2-32L	-.32	-.32	-.34	4-32L	-.32	-.32	-.32
2-38L	-.32	-.32	-.34	4-38L	-.35	-.34	-.35
2-44L	-.30	-.30	-.34	4-44L	-.30	-.30	-.30
2-70L	-.18	-.19	-.19	4-60L	-.22	-.22	-.22
2-95L	-.01	-.01	-.03	4-80L	-.07	-.07	-.07

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TABLE 10. - CONTINUED
(a) Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$
4-90L	0.03	0.03	0.04	6-8L	0.99	-0.64	-0.61
4-95L	.07	.07	.07	6-14L	-.52	-.52	-.50
5-0C	-1.51	-1.47	-1.31	6-19L	-.45	-.44	-.42
5-1.25U	.62	.60	.61	6-38L	-.30	-.30	-.30
5-8U	.31	.31	.31	6-44L	-.27	-.27	-.26
5-14U	.21	.21	.20	6-60L	-.19	-.19	-.18
5-19U	.14	.12	.12	6-70L	.10	.10	.09
5-38U	.04	.03	.03	7-0C	-.78	-.71	-.64
5-44U	.04	.04	.04	7-5U	.36	.34	.34
5-60U	.03	-.03	-.03	7-8U	.26	.26	.26
5-70U	.05	.05	.05	7-14U	.16	.15	.15
5-80U	-.01	-.01	0	7-19U	.12	.12	.11
5-90U	.04	.03	.03	7-38U	-.01	-.01	-.01
5-95U	.04	.03	.03	7-60U	-.04	-.04	-.04
5-1.25L	-1.44	-1.41	-1.32	7-90U	.01	.01	.01
5-2.5L	-1.10	-1.08	-1.03	7-95U	.05	.05	.05
5-5L	.92	.92	.87	7-1.25L	-1.19	-1.15	-1.10
5-8L	-.68	-.67	-.65	7-2.5L	-1.04	-1.01	-.96
5-14L	-.53	-.53	-.50	7-5L	-.81	-.79	-.76
5-19L	-.49	-.48	-.46	7-8L	-.64	-.63	-.59
5-38L	.31	-.33	-.31	7-14L	-.48	-.48	-.46
5-44L	.27	-.27	-.26	7-19L	-.44	-.42	-.41
5-60L	.21	-.21	-.19	7-32L	-.31	-.31	-.30
5-70L	-.10	-.10	-.09	7-44L	-.25	-.25	-.23
5-90L	.04	.04	.04	7-60L	-.16	-.16	-.16
5-95L	.08	.08	.08	7-70L	-.11	-.10	-.09
6-0C	-1.26	-1.21	-1.10	7-90L	.04	.04	.05
6-5U	.38	.37	.36	7-95L	.08	.08	.09
6-14U	.18	.16	.16	8-0C	-.62	-.56	-.50
6-19U	-.04	-.04	-.03	8-1.25U	.56	.56	.55
6-32U	.03	.03	.03	8-2.5U	.42	.42	.42
6-44U	0	0	.01	8-5U	.31	.30	.31
6-60U	-.03	-.03	-.03	8-8U	.22	.22	.22
6-70U	-.04	-.04	-.04	8-14U	.12	.12	.12
6-80U	0	0	0	8-19U	.04	.03	.03
6-90U	-.03	-.03	-.01	8-60U	.01	.01	.01
6-100C	.11	.11	.12	8-80U	-.03	-.01	-.01
6-1.25L	-1.26	-1.23	-1.16	8-90U	.01	.01	.03
6-2.5L	-1.18	-1.16	-1.11	8-95U	.10	-.11	-.09
6-5L	-.86	-.85	-.81	8-100C	.12	.12	.12

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TABLE 10. - CONTINUED
 (a) - Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
4-90L	0.04	0.03	0.04	6-8L	-0.61	-0.59	-0.56
4-95L	.07	.07	.07	6-14L	-.49	-.49	-.47
5-OC	-1.24	-1.16	-1.03	6-19L	-.42	-.42	-.40
5-1.25U	.61	.59	.60	6-38L	-.28	-.30	-.28
5-8U	.30	.30	.28	6-44L	-.26	-.26	-.25
5-14U	.19	.18	.17	6-60L	-.18	-.18	-.17
5-19U	.11	.11	.11	6-70L	-.09	-.09	-.08
5-38U	.03	.01	.01	7-OC	-.57	-.53	-.43
5-44U	.03	.03	.03	7-5U	.32	.32	.31
5-60U	-.04	-.04	-.04	7-8U	.24	.24	.24
5-70U	.05	.04	.04	7-14U	.15	.13	.13
5-80U	0	-.01	0	7-19U	.11	.09	.11
5-90U	.03	.03	.03	7-38U	-.03	-.03	-.03
5-95U	.03	.03	.04	7-60U	-.04	-.04	-.04
5-1.25L	-1.29	-1.26	-1.19	7-90U	.01	.01	.01
5-2.5L	-1.00	-.99	-.93	7-95U	.05	.05	.07
5-5L	-.85	-.85	-.80	7-1.25L	-1.05	-1.04	-.97
5-8L	-.64	-.64	-.60	7-2.5L	-.93	-.93	-.88
5-14L	-.50	-.50	-.47	7-5L	-.74	-.74	-.71
5-19L	-.45	-.45	-.43	7-8L	-.58	-.58	-.56
5-38L	-.31	-.31	-.29	7-14L	-.45	-.45	-.43
5-44L	-.26	-.26	-.25	7-19L	-.41	-.41	-.39
5-60L	-.19	-.20	-.19	7-32L	-.30	-.30	-.28
5-70L	-.09	-.09	-.08	7-44L	-.23	-.23	-.21
5-90L	.04	.04	.04	7-60L	-.16	-.16	-.15
5-95L	.08	.08	.08	7-70L	-.09	-.09	-.08
6-OC	-1.01	-.97	-.85	7-90L	.05	.04	.05
6-5U	.36	.35	.32	7-95L	.09	.09	.09
6-14U	.16	.15	.15	8-OC	-.45	-.41	-.32
6-19U	-.03	-.03	-.01	8-1.25U	.55	.54	.55
6-32U	.03	.01	.01	8-2.5U	.41	.41	.39
6-44U	-.01	-.01	-.01	8-5U	.30	.30	.28
6-60U	-.03	-.04	-.03	8-8U	.22	.34	.20
6-70U	-.04	-.04	-.04	8-14U	.11	.11	.11
6-80U	0	0	0	8-19U	.03	.03	.01
6-90U	-.01	-.01	-.01	8-60U	.01	0	.01
6-100C	.12	.12	.12	8-80U	-.01	-.01	-.01
6-1.25L	-1.12	-1.10	-1.03	8-90U	.03	.03	.04
6-2.5L	-1.10	-1.08	-1.03	8-95U	-.09	-.09	-.09
6-5L	-.80	-.78	-.75	8-100C	.13	.13	.15

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TABLE 10. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	0.03	0.01	0.01	6-8L	-0.57	-0.58	-0.59
4-95L	.07	.05	.04	6-14L	-.46	-.49	-.49
5-0C	-.96	-.93	-.90	6-19L	-.39	-.42	-.42
5-1.25U	.59	-.59	.59	6-38L	-.28	-.30	-.30
5-8U	.27	.25	.25	6-44L	-.26	-.27	-.27
5-14U	.16	.14	.14	6-60L	-.18	-.21	-.19
5-19U	.09	.07	.05	6-70L	-.08	-.10	-.11
5-38U	0	-.01	-.03	7-0C	-.36	-.37	-.36
5-44U	.01	0	-.01	7-5U	.31	.29	.29
5-60U	-.04	-.07	-.08	7-8U	.23	.21	.21
5-70U	.03	.03	.04	7-14U	.12	.11	.11
5-80U	-.01	-.03	-.03	7-19U	.08	.07	.07
5-90U	.03	.01	0	7-38U	-.03	-.05	-.05
5-95U	.03	.01	0	7-60U	-.05	-.07	-.07
5-1.25L	-1.16	-1.16	-1.15	7-90U	.01	-.01	0
5-2.5L	-.92	-.93	-.93	7-95U	.05	.04	.04
5-5L	-.80	-.82	-.82	7-1.25L	-.96	-.97	-.96
5-8L	-.59	-.62	-.62	7-2.5L	-.88	-.90	-.89
5-14L	-.47	-.49	-.49	7-5L	-.70	-.73	-.71
5-19L	-.43	-.45	-.45	7-8L	-.57	-.58	-.58
5-38L	-.30	-.31	-.31	7-14L	-.43	-.45	-.45
5-44L	-.26	-.27	-.27	7-19L	-.39	-.41	-.41
5-60L	-.20	-.22	-.22	7-32L	-.28	-.30	-.30
5-70L	-.09	-.11	-.11	7-44L	-.22	-.23	-.23
5-90L	.04	.03	.03	7-60L	-.16	-.18	-.18
5-95L	.08	.07	.07	7-70L	-.08	-.10	-.10
6-0C	-.78	-.79	-.77	7-90L	.05	.04	.04
6-5U	.32	.31	.30	7-95L	.09	.07	.08
6-14U	.13	.12	.11	8-0C	-.28	-.29	-.27
6-19U	-.01	-.03	-.04	8-1.25U	.54	.52	.52
6-32U	.01	.04	.03	8-2.5U	.39	.44	.37
6-44U	-.01	0	-.01	8-5U	.27	.26	.26
6-60U	-.04	-.05	-.07	8-8U	.19	.18	.18
6-70U	-.05	-.07	-.07	8-14U	.11	-.05	.08
6-80U	0	-.03	-.03	8-19U	.01	-.01	-.01
6-90U	-.01	-.03	-.03	8-60U	.01	-.01	-.01
6-100C	.12	.11	.11	8-80U	-.01	-.03	-.03
6-1.25L	-1.00	-1.01	-1.00	8-90U	.03	.01	.01
6-2.5L	-1.03	-1.04	-1.03	8-95U	-.09	-.11	-.11
6-5L	-.74	-.77	-.77	8-100C	.13	.12	.12

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TABLE 10. - CONTINUED
 (a) - Continued

ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$	ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$
4-90L	0.01	0.01	0.01	6-8L	-0.55	-0.55	-0.54
4-95L	.05	.05	.05	6-14L	-.46	-.46	-.46
5-0C	-.81	-.76	-.69	6-19L	-.41	-.41	-.39
5-1.25U	.58	.57	.57	6-38L	-.28	-.30	-.30
5-8U	.23	.23	.22	6-44L	-.27	-.27	-.27
5-14U	.13	.12	.11	6-60L	-.19	-.19	-.20
5-19U	.05	.04	.04	6-70L	-.09	-.09	-.09
5-38U	-.01	-.03	-.04	7-0C	-.27	-.24	-.19
5-44U	-.01	-.01	-.03	7-5U	.27	.27	.26
5-60U	-.07	-.08	-.08	7-8U	.20	.19	.19
5-70U	.04	.04	.04	7-14U	.11	.09	.08
5-80U	-.03	.04	-.04	7-19U	.07	.05	.05
5-90U	.01	0	0	7-38U	-.05	-.07	-.07
5-95U	.01	.01	.01	7-60U	-.07	-.07	-.08
5-1.25L	-1.08	-1.07	-1.03	7-90U	0	0	0
5-2.5L	-.88	-.87	-.85	7-95U	.05	.05	.05
5-5L	-.78	-.77	-.76	7-1.25L	-.89	-.88	-.85
5-8L	-.58	-.58	-.58	7-2.5L	-.84	-.84	-.82
5-14L	-.47	-.47	-.47	7-5L	-.69	-.69	-.68
5-19L	-.43	-.43	-.43	7-8L	-.55	-.54	-.54
5-38L	-.30	-.31	-.31	7-14L	-.43	-.43	-.43
5-44L	-.27	-.27	-.27	7-19L	-.39	-.39	-.39
5-60L	-.22	-.22	-.22	7-32L	-.28	-.28	-.30
5-70L	-.09	-.11	-.11	7-44L	-.23	-.23	-.23
5-90L	.03	.03	.03	7-60L	-.16	-.16	-.18
5-95L	.07	.07	.07	7-70L	-.09	-.09	-.09
6-0C	-.68	-.62	-.58	7-90L	.04	.04	.04
6-5U	.30	.28	.27	7-95L	.08	.08	.08
6-14U	.11	.11	.09	8-0C	-.19	-.18	-.13
6-19U	-.01	-.03	-.03	8-1.25U	.51	.51	.50
6-32U	.03	.01	.01	8-2.5U	.35	.35	.34
6-44U	-.01	-.03	-.03	8-5U	.26	.24	.23
6-60U	-.07	-.07	-.08	8-8U	.16	.16	.15
6-70U	-.07	-.07	-.08	8-14U	.08	.07	.05
6-80U	-.01	-.03	-.03	8-19U	-.01	-.01	-.03
6-90U	-.01	-.01	-.01	8-60U	-.01	-.01	-.01
6-100C	.12	.11	.11	8-80U	-.01	-.03	-.03
6-1.25L	-.95	-.92	-.89	8-90U	.01	.01	.01
6-2.5L	-1.00	-.97	-.96	8-95U	-.11	-.11	-.11
6-5L	-.73	-.73	-.72	8-100C	.13	.12	.12

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TABLE 10. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$	ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$
4-90L	0	0	0	6-8L	-0.54	-0.54	-0.54
4-95L	.05	.04	.04	6-14L	-.46	-.46	-.46
5-0C	-.65	-1.03	-.61	6-19L	-.39	-.41	-.39
5-1.25U	.55	.55	.55	6-38L	-.30	-.30	-.30
5-8U	.22	.20	.20	6-44L	-.27	-.27	-.27
5-14U	.11	.09	.09	6-60L	-.20	-.20	-.20
5-19U	.03	.03	.01	6-70L	-.09	-.09	-.09
5-38U	-.04	-.05	-.05	7-0C	-.18	-.15	-.13
5-44U	-.03	-.04	-.04	7-5U	.24	.24	.23
5-60U	-.08	-.09	-.11	7-8U	.18	.18	.16
5-70U	.05	.05	.05	7-14U	.08	.07	.07
5-80U	-.04	-.05	-.05	7-19U	.04	.04	.03
5-90U	0	0	-.01	7-38U	-.07	-.08	-.08
5-95U	.01	0	0	7-60U	-.08	-.08	-.08
5-1.25L	-.100	-.99	-.99	7-90U	-.01	-.01	-.01
5-2.5L	-.84	-.82	-.84	7-95U	.04	.04	.04
5-5L	.76	.74	.76	7-1.25L	-.84	-.82	-.81
5-8L	-.57	-.57	-.57	7-2.5L	-.81	-.81	-.80
5-14L	-.46	-.46	-.46	7-5L	-.68	-.68	-.66
5-19L	-.43	-.43	-.45	7-8L	-.54	-.54	-.54
5-38L	-.31	-.31	-.32	7-14L	-.42	-.42	-.42
5-44L	-.27	-.28	-.28	7-19L	-.39	-.39	-.39
5-60L	-.22	-.22	-.23	7-32L	-.28	-.30	-.30
5-70L	-.11	-.11	-.11	7-44L	-.23	-.23	-.23
5-90L	.01	.01	.01	7-60L	-.18	-.18	-.18
5-95L	.05	.05	.05	7-70L	-.09	-.11	-.11
6-0C	-.55	-.51	-.51	7-90L	.04	.03	.03
6-5U	.27	.26	.26	7-95L	.07	.07	.07
6-14U	.08	.08	.07	8-0C	-.11	-.09	-.07
6-19U	-.03	-.03	-.03	8-1.25U	.50	.49	.49
6-32U	0	-.01	-.01	8-2.5U	.34	.32	.32
6-44U	-.03	-.04	-.04	8-5U	.23	.22	.22
6-60U	-.08	-.08	-.08	8-8U	.15	.13	.13
6-70U	-.08	-.08	-.08	8-14U	.05	.05	.05
6-80U	-.03	-.04	-.03	8-19U	-.04	-.04	-.04
6-90U	-.01	-.01	-.01	8-60U	-.01	-.03	-.03
6-100C	.11	.11	.11	8-80U	-.04	-.04	-.04
6-1.25L	-.88	-.87	-.87	8-90U	0	.01	0
6-2.5L	-.95	-.95	-.95	8-95U	-.12	-.12	-.12
6-5L	-.70	-.70	-.70	8-100C	.12	.12	.12

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TABLE 10. - CONTINUED
 (a) - Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$
8-1.25L	-1.10	-1.06	-1.03	11-32U	-0.19	-0.18	-0.18
8-2.5L	.88	.85	.84	12-32U	-.38	-.37	-.36
8-5L	-.71	-.70	-.68	TIP-32C	-.33	-.31	-.30
8-8L	-.59	-.58	-.58	11-32L	-.15	-.15	-.14
8-14L	-.44	-.42	-.42	10-32L	-.16	-.16	-.16
8-19L	-.37	-.37	-.37	10-70U	-.12	-.12	-.11
8-32L	-.26	-.26	-.25	11-70U	-.23	-.22	-.22
8-38L	-.23	-.23	-.23	12-70U	-.41	-.40	-.38
8-44L	-.21	-.21	-.21	TIP-70C	-.03	-.03	-.03
8-60L	-.10	-.10	-.10	12-70L	-.21	-.21	-.19
8-95L	.08	.08	.10	11-70L	-.11	-.10	-.10
9-0C	-.63	-.58	-.53	10-70L	-.04	-.04	-.04
9-1.25U	.55	.53	.53	FIN-1	-.12	-.12	-.12
9-2.5U	.41	.40	.40	FIN-2	-.36	-.37	-.37
9-5U	.26	.26	.26	FIN-3	-.36	-.36	-.37
9-14U	.04	.04	.04	FIN-4	-.29	-.29	-.29
9-19U	0	0	0	FIN-5	-.18	-.18	-.18
9-32U	-.07	-.07	-.07	FIN-6	-.12	-.12	-.12
9-44U	-.07	-.07	-.07	FIN-7	-.122	-.125	-.122
9-70U	-.07	-.07	-.07	FIN-8	-.44	-.45	-.44
9-90U	-.01	-.01	-.01	FIN-9	-.27	-.27	-.27
9-100C	.10	.10	.11	FIN-10	-.19	-.19	-.19
9-1.25L	-1.04	-1.01	-1.00	FIN-11	-.15	-.15	-.15
9-5L	-.58	-.56	-.58	FIN-12	-.12	-.12	-.12
9-8L	-.52	-.52	-.51	FIN-13	-.106	-.108	-.110
9-14L	-.38	-.38	-.38	FIN-14	-.47	-.48	-.47
9-19L	-.31	-.31	-.31	FIN-15	-.18	-.18	-.18
9-32L	-.25	-.25	-.23	FIN-16	-.12	-.12	-.12
9-38L	-.18	-.18	-.18	FIN-17	-.12	-.12	-.11
9-44L	-.14	-.12	-.12	FIN-18	-.12	-.12	-.12
9-70L	-.04	-.04	-.03	FIN-19	-.11	-.11	-.11
9-90L	.05	.05	.05	FIN-20	-.11	-.11	-.11
9-95L	.10	.10	.11	FIN-21	-.16	-.16	-.16
2S-60U	-.10	-.10	-.10	FIN-22	-.11	-.11	-.11
2S-60L	-.14	-.14	-.14	FIN-23	-.08	-.08	-.08
5S-60U	-.10	-.10	-.08	FIN-24	-.03	-.03	-.01
5S-60L	-.12	-.12	-.12	FIN-25	-.22	-.22	-.22
8S-60U	-.05	-.05	-.05	FIN-26	-.15	-.15	-.15
8S-60L	-.11	-.11	-.11	FIN-27	-.11	-.11	-.11
10-32U	-.03	-.03	-.03	FIN-28	-.12	-.12	-.11

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TABLE 10. - CONTINUED
 (a) - Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
8-1.25L	-0.97	-0.99	-0.93	11-32U	-0.16	-0.18	-0.18
8-2.5L	-.80	-.79	-.77	12-32U	-.34	-.34	-.32
8-5L	-.65	-.67	-.65	TIP-32C	-.28	-.29	-.28
8-8L	-.54	-.56	-.54	11-32L	-.13	-.15	-.15
8-14L	-.41	-.42	-.41	10-32L	-.15	-.16	-.16
8-19L	-.35	-.36	-.35	10-70U	-.11	-.12	-.11
8-32L	-.24	-.26	-.26	11-70U	-.20	-.22	-.20
8-38L	-.22	-.23	-.23	12-70U	-.35	-.37	-.35
8-44L	-.19	-.21	-.20	TIP-70C	-.01	-.03	-.03
8-60L	-.08	-.10	-.09	12-70L	-.16	-.18	-.16
8-95L	.09	.08	.08	11-70L	-.08	-.10	-.09
9-0C	-.47	-.45	-.39	10-70L	-.03	-.04	-.04
9-1.25U	.53	.52	.50	FIN-1	-.11	-.12	-.12
9-2.5U	.39	.38	.36	FIN-2	-.34	-.37	-.36
9-5U	.26	.23	.23	FIN-3	-.34	-.37	-.36
9-14U	.04	.03	.01	FIN-4	-.27	-.29	-.28
9-19U	0	-.01	-.01	FIN-5	-.16	-.18	-.18
9-32U	-.07	-.08	-.08	FIN-6	-.11	-.12	-.12
9-44U	-.05	-.07	-.07	FIN-7	-1.19	-1.29	-1.26
9-70U	-.05	-.07	-.07	FIN-8	-.42	-.45	-.46
9-80U	0	-.01	-.01	FIN-9	-.26	-.27	-.27
9-100C	.11	.10	.09	FIN-10	-.18	-.19	-.19
9-1.25L	-.95	-.96	-.92	FIN-11	-.13	-.15	-.16
9-5L	-.53	-.55	-.53	FIN-12	-.11	-.12	-.12
9-8L	-.49	-.49	-.49	FIN-13	-1.07	-1.15	-1.14
9-14L	.36	.38	.36	FIN-14	-.45	-.48	-.47
9-19L	-.30	-.31	-.31	FIN-15	-.16	-.18	-.18
9-32L	-.23	-.25	-.24	FIN-16	-.11	-.12	-.12
9-38L	.16	.18	.18	FIN-17	-.11	-.12	-.11
9-44L	-.12	-.14	-.13	FIN-18	-.11	-.12	-.12
9-70L	-.03	-.04	-.04	FIN-19	-.09	-.11	-.11
9-90L	.07	.05	.05	FIN-20	-.09	-.11	-.11
9-95L	.11	.10	.09	FIN-21	-.15	-.18	-.16
2S-60U	-.09	-.12	-.12	FIN-22	-.11	-.12	-.12
2S-60L	-.12	-.14	-.13	FIN-23	-.07	-.08	-.09
5S-60U	-.08	-.08	-.08	FIN-24	-.01	-.03	-.03
5S-60L	-.11	-.12	-.13	FIN-25	-.20	-.22	-.20
8S-60U	.05	.07	.07	FIN-26	-.13	-.15	-.15
8S-60L	-.11	-.12	-.12	FIN-27	-.09	-.11	-.11
10-32U	-.01	-.03	-.03	FIN-28	-.11	-.11	-.11

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TABLE 10. - CONTINUED
(a) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
8-1.25L	-0.91	-0.89	-0.90	11-32U	-0.16	-0.16	-0.16
8-2.5L	.76	.74	.75	12-32U	-.31	-.31	-.30
8-5L	-.64	-.64	-.64	TIP-32C	-.27	-.27	-.14
8-8L	-.54	-.54	-.55	11-32L	-.15	-.15	-.15
8-14L	-.41	-.41	-.41	10-32L	-.16	-.16	-.16
8-19L	-.35	-.35	-.36	10-70U	-.12	-.12	-.12
8-32L	-.26	-.26	-.26	11-70U	-.21	-.20	-.21
8-38L	-.23	-.23	-.23	12-70U	-.34	-.34	-.34
8-44L	-.20	-.20	-.21	TIP-70C	-.03	-.01	-.03
8-60L	-.09	-.09	-.11	12-70L	-.16	-.16	-.16
8-95L	.08	.08	.08	11-70L	-.10	-.09	-.10
9-0C	-.35	-.32	-.31	10-70L	-.04	-.04	-.04
9-1.25U	.51	.50	.49	FIN-1	-.12	-.13	-.14
9-2.5U	.36	.35	.36	FIN-2	-.37	-.39	-.37
9-5U	.22	.22	.21	FIN-3	-.23	-.38	-.38
9-14U	0	0	0	FIN-4	-.29	-.28	-.30
9-19U	-.03	-.03	-.03	FIN-5	-.18	-.19	-.19
9-32U	-.10	-.09	-.10	FIN-6	-.12	-.12	-.12
9-44U	-.07	-.08	-.08	FIN-7	-1.30	-1.43	-1.40
9-70U	-.07	-.07	-.07	FIN-8	-.47	-.49	-.49
9-80U	-.01	-.01	-.03	FIN-9	-.29	-.28	-.29
9-100C	-.09	.11	.10	FIN-10	-.19	-.20	-.19
9-1.25L	-.90	-.89	-.90	FIN-11	-.16	-.16	-.16
9-5L	-.52	-.51	-.51	FIN-12	-.12	-.12	-.12
9-8L	-.49	-.49	-.49	FIN-13	-1.18	-1.24	-1.23
9-14L	-.23	-.36	-.37	FIN-14	-.48	-.58	-.55
9-19L	-.31	-.30	-.31	FIN-15	-.19	-.20	-.19
9-32L	-.25	-.24	-.25	FIN-16	-.12	-.12	-.12
9-38L	-.18	-.18	-.19	FIN-17	-.11	-.12	-.11
9-44L	-.14	-.13	-.14	FIN-18	-.12	-.12	-.12
9-70L	-.04	-.04	-.04	FIN-19	-.11	-.11	-.12
9-90L	.05	.05	.05	FIN-20	-.11	-.11	-.11
9-95L	.10	.09	.09	FIN-21	-.16	-.18	-.18
2S-60U	-.14	-.13	-.14	FIN-22	-.12	-.12	-.12
2S-60L	-.15	-.15	-.15	FIN-23	-.09	-.08	-.10
5S-60U	-.10	-.09	-.10	FIN-24	-.03	-.01	-.03
5S-60L	-.14	-.13	-.14	FIN-25	-.21	-.20	-.21
8S-60U	-.08	-.08	-.10	FIN-26	-.15	-.15	-.15
8S-60L	-.12	-.12	-.12	FIN-27	-.11	-.11	-.11
10-32U	-.03	-.01	-.03	FIN-28	-.11	-.11	-.12

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TABLE 10. - CONTINUED
 (a) - Continued

ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$	ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$
8-1.25L	-0.85	-0.84	-0.81	11-32U	-0.16	-0.16	-0.16
8-2.5L	.72	.70	.69	12-32U	-.30	-.28	-.28
8-5L	-.61	-.61	-.59	TIP-32C	-.12	-.74	-.23
8-8L	-.53	-.51	-.51	11-32L	-.13	-.13	-.15
8-14L	-.41	-.39	-.39	10-32L	-.16	-.16	-.16
8-19L	-.35	-.35	-.35	10-70U	-.11	-.11	-.12
8-32L	-.26	-.24	-.26	11-70U	-.19	-.19	-.19
8-38L	-.23	-.23	-.23	12-70U	-.31	-.31	-.30
8-44L	-.20	-.20	-.22	TIP-70C	-.03	-.01	-.01
8-60L	-.11	-.11	-.11	12-70L	-.15	-.15	-.15
8-95L	.08	.08	.08	11-70L	-.09	-.09	-.08
9-OC	-.26	-.23	-.19	10-70L	-.04	-.04	-.04
9-1.25U	.49	.49	.47	FIN-1	-.12	-.12	-.13
9-2.5U	.34	.34	.32	FIN-2	-.38	-.41	-.39
9-5U	.19	.19	.19	FIN-3	-.36	-.41	-.39
9-14U	0	0	-.01	FIN-4	-.28	-.30	-.30
9-19U	-.04	-.04	-.05	FIN-5	-.18	-.19	-.19
9-32U	-.09	-.09	-.11	FIN-6	-.12	-.12	-.12
9-44U	-.08	-.08	-.08	FIN-7	-.1.43	-.1.53	-.1.51
9-70U	-.07	-.07	-.07	FIN-8	-.49	-.51	-.51
9-80U	-.01	-.01	-.03	FIN-9	-.28	-.30	-.30
9-100C	.09	.11	.09	FIN-10	-.19	-.20	-.20
9-1.25L	-.84	-.82	-.81	FIN-11	-.16	-.16	-.16
9-5L	-.49	-.49	-.49	FIN-12	-.12	-.12	-.13
9-8L	-.47	-.47	-.46	FIN-13	-.1.27	-.1.35	-.1.35
9-14L	-.35	-.34	-.35	FIN-14	-.59	-.66	-.62
9-19L	-.30	-.30	-.30	FIN-15	-.19	-.20	-.20
9-32L	-.24	-.24	-.24	FIN-16	-.12	-.12	-.13
9-38L	-.18	-.18	-.19	FIN-17	-.11	-.12	-.12
9-44L	-.13	-.13	-.13	FIN-18	-.12	-.13	-.13
9-70L	-.04	-.04	-.04	FIN-19	-.12	-.12	-.12
9-90L	.05	.05	.05	FIN-20	-.11	-.11	-.11
9-95L	.09	.09	.09	FIN-21	-.18	-.18	-.18
2S-60U	-.42	-.15	-.16	FIN-22	-.12	-.13	-.13
2S-60L	-.42	-.15	-.16	FIN-23	-.09	-.09	-.09
5S-60U	-.09	-.11	-.11	FIN-24	-.03	-.01	-.03
5S-60L	-.41	-.13	-.13	FIN-25	-.20	-.22	-.22
8S-60U	-.09	-.09	-.09	FIN-26	-.15	-.16	-.16
8S-60L	-.39	-.13	-.13	FIN-27	-.11	-.11	-.12
10-32U	-.01	-.01	-.01	FIN-28	-.12	-.12	-.12

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TABLE 10. - CONTINUED
 (a) - Concluded

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
8-1.25L	-.81	-.78	-.78	11-32U	-.16	-.16	-.16
8-2.5L	-.70	-.68	-.68	12-32U	-.29	-.28	-.42
8-5L	-.60	-.59	-.59	TIP-32C	-.23	-.23	-.23
8-8L	-.52	-.51	-.51	11-32L	-.15	-.15	-.15
8-14L	-.40	-.39	-.40	10-32L	-.18	-.16	-.18
8-19L	-.36	-.34	-.36	10-70U	-.12	-.12	-.12
8-32L	-.26	-.26	-.26	11-70U	-.19	-.19	-.18
8-38L	-.23	-.23	-.23	12-70U	-.30	-.26	-.30
8-44L	-.22	-.22	-.22	TIP-70C	-.03	-.01	-.03
8-60L	-.12	-.12	-.12	12-70L	-.15	-.15	-.15
8-95L	.07	.07	.07	11-70L	-.08	-.08	-.10
9-0C	-.18	-.16	-.15	10-70L	-.04	-.04	-.05
9-1.25U	.47	.46	.47	FIN-1	-.14	-.13	-.14
9-2.5U	.33	.31	.31	FIN-2	-.38	-.41	-.40
9-5U	.18	.18	.18	FIN-3	-.38	-.41	-.41
9-14U	-.01	-.01	-.01	FIN-4	-.30	-.30	-.30
9-19U	-.05	-.05	-.07	FIN-5	-.19	-.19	-.19
9-32U	-.11	-.11	-.11	FIN-6	-.14	-.12	-.12
9-44U	-.10	-.09	-.10	FIN-7	-.1.51	-.1.55	-.1.56
9-70U	-.07	-.07	-.07	FIN-8	-.51	-.51	-.52
9-80U	-.03	-.03	-.03	FIN-9	-.30	-.30	-.30
9-100C	.10	.09	.10	FIN-10	-.21	-.20	-.21
9-1.25L	-.81	-.80	-.78	FIN-11	-.16	-.18	-.18
9-5L	-.49	-.47	-.48	FIN-12	-.14	-.13	-.14
9-8L	-.47	-.46	-.47	FIN-13	-.1.37	-.1.41	-.1.42
9-14L	-.36	-.35	-.36	FIN-14	-.63	-.68	-.66
9-19L	-.16	-.30	-.30	FIN-15	-.21	-.20	-.21
9-32L	-.25	-.24	-.25	FIN-16	-.14	-.13	-.14
9-38L	-.19	-.19	-.19	FIN-17	-.12	-.12	-.12
9-44L	-.14	.27	-.14	FIN-18	-.14	-.15	-.14
9-70L	-.05	-.05	-.05	FIN-19	-.12	-.12	-.14
9-90L	.04	.05	.05	FIN-20	-.12	-.11	-.40
9-95L	.10	.09	.10	FIN-21	-.18	-.19	-.19
2S-60U	-.18	-.18	-.19	FIN-22	-.14	-.13	-.14
2S-60L	-.18	-.18	-.18	FIN-23	-.11	-.11	-.11
5S-60U	-.11	-.12	-.12	FIN-24	-.01	-.01	-.03
5S-60L	-.15	-.15	-.15	FIN-25	-.22	-.22	-.23
8S-60U	-.11	-.11	-.11	FIN-26	-.16	-.16	-.18
8S-60L	-.14	-.13	-.15	FIN-27	-.12	-.12	-.14
10-32U	-.03	-.01	-.03	FIN-28	-.12	-.12	-.14

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TABLE 10. - CONTINUED
(b) α , 12°

ORIFICE	$\delta_e = -32$	$\delta_e = -26$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -26$	$\delta_e = -24$
1-OC	0.64	0.64	0.62	3-1.25U	-0.29	-0.31	-0.34
1-1.25U	.41	.42	.44	3-30U	-.29	-.29	-.31
1-2.5U	-.34	-.36	-.37	3-14U	-.27	-.29	-.29
1-5U	-.31	-.31	-.33	3-19U	-.27	-.29	-.29
1-8U	-.29	-.30	-.31	3-32U	-.22	-.22	-.23
1-14U	-.22	-.23	-.25	3-60U	-.16	-.16	-.18
1-19U	-.26	-.27	-.29	3-70U	-.19	-.19	-.19
1-32U	-.22	-.23	-.25	3-95U	.03	.03	.01
1-70U	-.16	-.16	-.16	3-1.25L	.31	.33	.34
1-80U	-.08	-.08	-.10	3-2.5L	.14	.15	.16
1-90U	-.03	-.03	-.04	3-5L	-.01	0	.01
1-95U	.03	.03	.03	3-8L	-.03	-.01	0
1-2.5L	.23	.23	.25	3-14L	-.08	-.07	-.07
1-5L	.10	.11	.11	3-32L	-.11	-.10	-.10
1-14L	.01	.03	.03	3-38L	-.12	-.12	-.12
1-19L	-.01	-.01	-.01	3-60L	-.12	-.12	-.11
1-32L	.01	.01	.01	3-80L	-.03	-.03	-.03
1-38L	-.05	-.05	-.05	3-95L	.07	.07	.07
1-60L	-.10	-.10	-.10	4-00	.59	.47	.59
1-70L	-.08	-.08	-.08	4-1.25U	.18	.16	.12
1-80L	-.04	-.04	.10	4-2.5U	.10	.08	.05
2-1.25U	-.81	-.79	-.75	4-14U	-.11	-.12	-.15
2-2.5U	-.75	-.78	-.79	4-19U	-.11	-.11	-.12
2-5U	-.59	-.60	-.62	4-32U	-.11	-.12	-.14
2-32U	-.23	-.25	-.26	4-38U	-.14	-.15	-.15
2-38U	-.30	-.20	-.31	4-60U	-.16	-.16	-.18
2-44U	-.19	-.19	-.21	4-70U	-.01	-.01	-.01
2-70U	-.11	-.11	-.12	4-90U	.01	.01	0
2-80U	-.04	-.05	-.05	4-95U	.05	.05	.05
2-95U	.07	.07	.07	4-100C	.16	.15	.15
2-100C	.07	.07	.07	4-2.5L	.12	.11	.08
2-1.25L	.56	.70	.56	4-5L	.15	.15	.12
2-2.5L	.37	.37	.37	4-8L	-.11	-.11	-.10
2-5L	.18	.18	.19	4-14L	.19	.19	.18
2-14L	.01	.03	.03	4-19L	-.16	-.16	-.16
2-32L	-.07	-.07	-.05	4-32L	-.11	-.11	-.11
2-38L	-.10	-.08	-.08	4-38L	-.15	-.15	-.15
2-44L	-.10	-.10	-.10	4-44L	.14	.14	.14
2-70L	0	0	0	4-60L	-.11	-.10	-.11
2-95L	.04	.04	.04	4-80L	-.01	0	-.01

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TABLE 10. - CONTINUED
(b) - Continued

ORIFICE	$\delta_0 = -20$	$\delta_0 = -16$	$\delta_0 = -12$	ORIFICE	$\delta_0 = -20$	$\delta_0 = -16$	$\delta_0 = -12$
1-OC	0.47	0.60	0.60	3-1.25U	-0.35	-0.36	-0.44
1-1.25U	.46	.49	.49	3-3U	.31	.31	.36
1-2.5U	-.38	-.41	-.42	3-14U	-.30	-.31	-.33
1-5U	-.35	-.37	-.37	3-19U	-.30	-.31	-.33
1-8U	-.32	-.34	-.36	3-32U	-.23	-.25	-.26
1-14U	-.26	-.27	-.29	3-60U	-.18	-.18	-.19
1-19U	-.30	-.31	-.33	3-70U	-.20	-.21	-.22
1-32U	-.26	-.27	-.29	3-95U	.01	.01	.01
1-70U	-.16	.18	.18	3-1.25L	.34	.34	.38
1-80U	-.09	-.11	-.11	3-2.5L	.16	.16	.19
1-90U	-.04	-.05	-.05	3-5L	.01	0	.04
1-95U	.03	.01	0	3-8L	0	-.01	.01
1-2.5L	.24	.26	.25	3-14L	-.07	-.07	-.05
1-5L	.11	.12	.12	3-32L	-.09	-.10	-.10
1-14L	.03	.03	.03	3-38L	-.12	-.12	-.12
1-19L	-.01	-.01	0	3-60L	-.12	-.12	-.12
1-32L	.01	.01	.03	3-80L	-.03	-.03	-.03
1-38L	-.04	-.05	-.04	3-95L	.07	.07	.07
1-60L	-.09	-.10	-.10	4-OC	.58	.60	.59
1-70L	-.08	-.08	-.08	4-1.25U	.11	.10	.04
1-80L	-.04	-.05	-.05	4-2.5U	.03	.03	.03
2-1.25U	-.70	-.66	-.55	4-14U	-.16	-.16	-.21
2-2.5U	-.81	-.85	-.88	4-19U	-.15	-.15	-.16
2-5U	-.62	-.64	-.67	4-32U	-.15	-.15	-.16
2-32U	-.27	-.29	-.30	4-38U	-.15	-.18	-.18
2-38U	-.34	.36	.37	4-60U	-.19	-.19	-.21
2-44U	-.20	-.21	.22	4-70U	-.03	-.03	-.04
2-70U	-.13	-.15	-.16	4-90U	0	0	0
2-80U	-.05	-.07	-.08	4-95U	.05	.05	.05
2-95U	.07	.05	.05	4-100C	.15	.15	.15
2-100C	.07	.05	.05	4-2.5L	-.07	-.08	-.04
2-1.25L	.57	.60	.59	4-5L	-.11	-.11	-.08
2-2.5L	.38	.38	.40	4-8L	-.09	-.10	-.07
2-5L	.19	.22	.21	4-14L	-.18	-.18	-.16
2-14L	.03	.03	.03	4-19L	-.16	-.16	-.15
2-32L	-.07	-.07	-.05	4-32L	-.09	-.11	-.10
2-38L	-.08	-.10	-.08	4-38L	-.15	-.15	-.15
2-44L	-.09	-.10	-.10	4-44L	-.12	-.12	-.12
2-70L	0	0	0	4-60L	-.09	-.11	-.10
2-95L	.04	.03	.03	4-80L	0	-.01	-.01

1-19U	- .34	- .36	- .31	- .34	3-70U	- .56	- .02	.01	.03
1-32U	- .30	- .31	- .19	- .21	3-95U	- .36	.36	.37	.40
1-70U	- .19	- .14	- .15	- .15	3-2.5L	.16	.19	.21	.21
1-80U	- .12	- .08	- .10	- .10	3-5L	0	.01	.03	.05
1-90U	- .07	- .08	- .03	- .03	3-8L	- .05	- .05	- .04	- .04
1-95U	0	- .01	.26	.26	3-14L	- .10	- .10	- .10	- .10
1-2.5L	.26	.12	.12	.14	3-32L	- .12	- .12	- .11	- .11
1-5L	.12	.03	.03	.04	3-38L	- .12	- .12	- .11	- .11
1-14L	.03	.01	.01	0	3-60L	- .03	- .03	- .03	- .03
1-19L	- .01	.01	.01	.01	3-80L	- .03	.07	.07	.05
1-32L	.01	- .05	- .05	- .04	3-95L	.59	.59	.59	.59
1-38L	- .05	- .05	- .10	- .10	4-0C	.03	.01	- .04	- .04
1-60L	- .10	- .10	- .10	- .10	4-1.25C	- .03	.05	- .10	- .10
1-70L	- .08	- .05	- .07	- .07	4-2.5U	- .03	- .05	- .10	- .10
1-80L	- .05	- .05	- .01	- .01	4-14U	- .22	- .25	- .29	- .29
2-1-25U	- .42	- .84	- .92	- .90	4-19U	- .18	- .19	- .21	- .21
2-2.5U	- .88	- .92	- .70	- .95	4-32U	- .18	- .18	- .21	- .21
2-5U	- .68	- .70	- .36	- .36	4-38U	- .19	- .16	- .19	- .19
2-32U	- .31	- .33	- .41	- .41	4-60U	- .21	- .22	- .23	- .23
2-38U	- .37	- .38	- .22	- .22	4-70U	- .04	- .04	- .05	- .05
2-44U	- .22	- .19	- .21	- .21	4-90U	- .01	0	- .01	- .01
2-70U	- .16	- .18	- .10	- .10	4-95U	.04	.05	.04	.04
2-80U	- .08	- .08	- .04	- .04	4-100C	.15	.15	.15	.15
2-95U	.05	.05	.04	.04	4-2.5L	- .03	0	0	0
2-100C	.04	.04	.04	.04	4-5L	- .08	.03	- .05	- .05
2-1-25L	.59	.60	.41	.41	4-8L	- .07	- .07	- .04	- .04
2-2.5L	.38	.40	.22	.22	4-14L	.16	.15	.15	.15
2-5L	.21	.22	.04	.04	4-19L	- .15	- .15	- .14	- .14
2-14L	.03	.03	- .05	- .05	4-32L	- .10	- .10	- .10	- .10
2-32L	- .05	- .05	- .08	- .08	4-38L	- .15	- .14	- .14	- .14
2-38L	- .08	- .08	- .10	- .10	4-44L	.12	.12	.12	.12
2-44L	- .16	- .10	- .10	- .10	4-60L	- .10	- .10	- .10	- .10
2-70L	.03	.03	.01	.01	4-80L	- .01	- .01	- .01	- .01

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TABLE 10. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
1-OC	0.55	0.53	0.53	3-1.25U	-0.55	-0.58	-0.63
1-1.25U	-.58	-.60	-.62	3-8U	.42	-.44	-.47
1-2.5U	-.49	-.51	-.52	3-14U	-.38	-.40	-.42
1-5U	-.42	-.44	-.45	3-19U	-.38	-.40	-.41
1-8U	-.41	-.42	-.42	3-32U	-.30	-.31	-.33
1-14J	-.34	-.36	-.36	3-60U	-.22	-.23	-.25
1-19U	-.38	-.40	-.42	3-70U	-.25	-.25	-.26
1-32U	-.36	-.23	-.38	3-95U	.01	0	0
1-70U	.22	.23	.25	3-1.25L	.42	.42	.44
1-80U	-.16	-.18	-.19	3-2.5L	.22	.23	.25
1-90U	.11	.12	.14	3-5L	.05	.07	.08
1-95U	-.04	-.05	-.07	3-8L	.03	.04	.05
1-2.5L	.27	.27	.26	3-14L	-.04	-.03	-.03
1-5L	.14	.14	.14	3-32L	-.08	-.08	-.08
1-14L	.04	.04	.03	3-38L	-.11	-.11	-.11
1-19L	0	0	0	3-60L	-.12	-.11	-.12
1-32L	.03	.03	.03	3-80L	-.03	-.03	-.03
1-38L	-.05	-.05	-.04	3-95L	.05	.05	.05
1-60L	-.10	-.10	-.11	4-OC	.60	.60	.60
1-70L	-.10	-.10	-.11	4-1.25U	.05	.10	.12
1-80L	-.07	-.07	-.08	4-2.5U	.11	.15	.18
2-1.25U	-.95	-1.00	-1.03	4-14U	-.30	-.33	-.34
2-2.5U	-.97	-.99	-1.00	4-19U	-.22	-.23	-.25
2-5U	-.75	-.78	-.66	4-32U	-.21	-.22	-.23
2-32U	-.37	-.38	-.40	4-38U	-.21	-.22	-.23
2-50U	-.42	-.44	-.47	4-60U	-.23	-.25	-.25
2-14U	.23	.25	.26	4-70U	-.05	-.07	-.07
2-70U	-.22	-.23	-.25	4-90U	-.01	-.01	-.01
2-80U	-.11	-.11	-.12	4-95U	.04	.04	.03
2-95U	.04	.03	.03	4-100C	.14	.14	.14
2-100C	.03	.03	.01	4-2.5L	.15	.04	.05
2-1.25L	.62	.62	.62	4-5L	-.04	.04	.03
2-2.5L	.41	.42	.42	4-8L	-.04	-.03	-.03
2-5L	.23	.23	.23	4-14L	-.14	.14	.12
2-14L	.04	.04	.04	4-19L	-.14	-.12	-.12
2-32L	-.05	-.05	-.05	4-32L	-.10	-.08	-.08
2-38L	-.08	-.08	-.08	4-38L	-.14	-.14	-.14
2-44L	-.08	-.10	-.10	4-44L	-.12	-.12	-.12
2-70L	0	0	0	4-60L	-.10	-.10	-.10
2-95L	.01	.01	0	4-80L	-.01	-.01	-.01

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TABLE 10. - CONTINUED
(b) - Continued

ORIFICE	$\delta_o = 16$	$\delta_o = 20$	$\delta_o = 24$	ORIFICE	$\delta_o = 16$	$\delta_o = 20$	$\delta_o = 24$
1-OC	.52	.52	.49	3-1.25U	-.66	-.62	-.63
1-1.25U	-.63	-.66	-.70	3-8U	-.07	-.47	-.48
1-2.5U	-.52	-.55	-.58	3-14U	-.44	-.44	-.44
1-5U	-.47	-.48	-.49	3-19U	-.42	-.42	-.42
1-8U	-.44	-.45	-.47	3-32U	-.34	-.34	-.36
1-14J	-.37	-.38	-.40	3-60U	-.26	-.26	-.27
1-19U	-.42	-.44	-.45	3-70U	-.26	-.26	-.27
1-32U	-.40	-.41	-.44	3-95U	0	0	0
1-70U	-.26	-.26	-.27	3-1.25L	.45	.44	.44
1-80U	-.21	-.22	-.23	3-2.5L	.26	.25	.25
1-90U	.15	.16	.16	3-5L	.10	.08	.07
1-95U	-.08	-.10	-.11	3-8L	.05	.04	.04
1-2.5L	.27	.27	.29	3-14L	-.03	-.03	-.03
1-5L	.14	.14	.15	3-32L	-.08	-.08	-.08
1-14L	.04	.04	.04	3-38L	-.11	-.11	-.11
1-19L	0	0	0	3-60L	-.12	-.12	-.12
1-32L	.03	.01	.01	3-80L	-.04	-.04	-.04
1-38L	-.05	-.05	-.05	3-95L	.05	.05	.05
1-60L	-.11	-.11	-.11	4-0C	.60	.60	.59
1-70L	-.11	-.11	-.11	4-1.25U	.15	.16	.18
1-80L	-.08	-.08	-.08	4-2.5U	.19	.22	.22
2-1.25U	-.1.07	-.1.11	-.1.14	4-14U	-.36	-.37	-.37
2-2.5U	-.1.03	-.1.04	-.1.07	4-19U	-.26	-.27	-.29
2-5U	-.82	-.82	-.85	4-32U	-.23	-.26	-.26
2-32U	-.41	-.42	-.44	4-38U	-.23	-.25	-.26
2-38U	-.48	-.49	-.51	4-60U	-.26	-.27	-.27
2-44U	-.27	-.29	-.30	4-70U	-.07	-.08	-.08
2-70U	-.26	-.27	-.29	4-90U	-.03	-.03	-.03
2-80U	-.14	-.15	-.15	4-95U	.04	.04	.03
2-95U	.03	.01	.01	4-100C	.14	.14	.14
2-100C	.01	.01	0	4-2.5L	.05	.07	.07
2-1.25L	.63	.62	.63	4-5L	-.03	-.01	.03
2-2.5L	.41	.42	.44	4-8L	-.03	-.01	-.01
2-5L	.25	.23	.25	4-14L	-.12	.12	.12
2-14L	.05	.04	.04	4-19L	-.12	-.12	-.12
2-32L	-.05	-.05	-.07	4-32L	-.08	-.08	-.08
2-38L	-.08	-.08	-.08	4-38L	-.14	-.14	-.14
2-44L	-.10	-.10	-.10	4-44L	-.12	.12	.12
2-70L	0	0	-.01	4-60L	-.10	-.10	-.10
2-95L	0	0	-.01	4-80L	-.01	-.01	-.01

TABLE 10. - CONTINUED
(a) ~~Continued~~

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$
4-90L	0.05	0.05	0.05	6-8L	-0.08	-0.07	-0.05
4-95L	.09	.08	.08	6-14L	-.12	-.12	-.11
5-0C	.53	.54	.55	6-19L	-.12	-.11	-.11
5-1.25U	.13	.12	.08	6-38L	-.12	-.12	-.12
5-8U	-.04	-.05	-.07	6-44L	-.12	-.12	-.12
5-14U	-.08	-.09	-.11	6-60L	-.11	-.11	-.11
5-19U	-.12	-.13	-.15	6-70L	-.01	-.01	-.01
5-38U	-.11	-.11	-.12	7-0C	.55	.55	.55
5-44U	-.07	-.08	-.08	7-5U	-.11	-.12	-.13
5-60U	-.11	-.11	-.12	7-8U	-.09	-.11	-.12
5-70U	-.03	-.04	-.04	7-14U	-.12	-.12	-.13
5-80U	-.04	-.04	-.04	7-19U	-.12	-.12	-.13
5-90U	.01	.01	-.01	7-38U	-.12	-.13	-.13
5-95U	.04	.04	.04	7-60U	-.08	-.09	-.09
5-1.25L	-.07	-.05	-.03	7-90U	.01	.01	.01
5-2.5L	-.11	-.09	-.07	7-95U	.07	.07	.07
5-5L	-.18	-.18	-.15	7-1.25L	.05	.07	.08
5-8L	-.12	-.11	-.09	7-2.5L	-.05	-.04	-.03
5-14L	-.12	-.12	-.11	7-5L	-.11	-.09	-.09
5-19L	-.15	-.15	-.13	7-8L	-.12	-.11	-.11
5-38L	-.13	-.13	-.13	7-14L	-.13	-.12	-.12
5-44L	-.12	-.12	-.12	7-19L	-.13	-.13	-.13
5-60L	-.12	-.12	-.12	7-32L	-.12	-.12	-.12
5-70L	-.01	-.01	-.01	7-44L	-.11	-.11	-.11
5-90L	.05	.05	.05	7-60L	-.09	-.09	-.09
5-95L	.08	-.08	.08	7-70L	-.08	-.05	-.05
6-0C	.51	.51	.51	7-90L	.04	.05	.05
6-5U	-.08	-.09	-.11	7-95L	.08	.08	.08
6-14U	-.11	-.12	-.13	8-0C	.53	.54	.53
6-19U	0	0	0	8-1.25U	-.03	-.05	-.05
6-32U	-.12	-.12	-.12	8-2.5U	-.13	-.15	-.16
6-44U	-.11	-.11	-.12	8-5U	-.12	-.13	-.13
6-60U	-.09	-.09	-.09	8-8U	-.12	-.13	-.13
6-70U	-.08	-.08	-.09	8-14U	-.12	-.13	-.13
6-80U	-.03	-.03	-.03	8-19U	-.12	-.13	-.13
6-90U	.03	.01	.03	8-60U	-.01	-.03	-.03
6-100C	.13	.13	.13	8-80U	-.01	-.01	0
6-1.25L	.01	.03	.05	8-90U	.04	.04	.03
6-2.5L	-.11	-.09	-.08	8-95U	.05	-.07	-.05
6-5L	-.12	-.12	-.11	8-100C	.15	.15	.15

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TABLE 10. - CONTINUED
 (a) - Continued.

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
4-90L	0.05	0.05	0.04	6-8L	-0.05	-0.05	-0.04
4-95L	.08	.08	.08	6-14L	-.11	-.11	-.09
5-0C	.55	.55	.57	6-19L	-.11	-.11	-.09
5-1.25U	.07	.04	-.01	6-38L	-.12	-.12	-.12
5-8U	-.08	-.09	-.11	6-44L	-.12	-.12	-.12
5-14U	-.12	-.12	-.15	6-60L	-.11	-.11	-.11
5-19U	-.16	-.16	-.19	6-70L	-.01	-.01	-.01
5-38U	-.12	-.13	-.15	7-0C	.54	.54	.53
5-44U	-.09	-.09	-.11	7-5U	-.15	-.16	-.18
5-60U	-.12	-.12	-.13	7-8U	-.13	-.13	-.16
5-70U	-.04	-.08	-.05	7-14U	-.15	-.15	-.16
5-80U	-.04	-.08	-.05	7-19U	-.13	-.15	-.16
5-90U	.01	.01	.01	7-38U	-.15	-.15	-.16
5-95U	.04	.04	.03	7-60U	-.09	-.11	-.11
5-1.25L	0	0	.03	7-90U	.01	.01	.01
5-2.5L	-.05	-.05	-.03	7-95U	.07	.07	.07
5-5L	-.13	-.13	-.12	7-1.25L	.09	.11	.12
5-8L	-.09	-.09	-.08	7-2.5L	-.01	0	.01
5-14L	-.09	-.09	-.09	7-5L	-.08	-.07	-.05
5-19L	-.13	-.13	-.12	7-8L	-.09	-.09	-.09
5-38L	-.12	-.12	-.12	7-14L	-.12	-.12	-.12
5-44L	-.11	-.11	-.11	7-19L	-.12	-.12	-.12
5-60L	-.12	-.12	-.12	7-32L	-.12	-.12	-.12
5-70L	-.01	-.01	-.03	7-44L	-.11	-.11	-.11
5-90L	.05	.04	.04	7-60L	-.09	-.09	-.09
5-95L	.08	.08	.08	7-70L	-.05	-.05	-.05
6-0C	.54	.53	.53	7-90L	.04	.04	.04
6-5U	-.12	-.13	-.16	7-95L	.08	.08	.08
6-14U	-.15	-.16	-.16	8-0C	.51	.51	.50
6-19U	0	0	0	8-1.25U	-.09	-.09	-.12
6-32U	-.13	-.13	-.12	8-2.5U	-.18	-.19	-.22
6-44U	-.12	-.12	-.12	8-5U	-.16	-.16	-.19
6-60U	-.11	-.11	-.12	8-8U	-.15	-.16	-.18
6-70U	-.09	-.09	-.11	8-14U	-.15	-.15	-.16
6-80U	-.04	-.04	-.04	8-19U	-.15	-.15	-.16
6-90U	.03	.03	.03	8-60U	-.03	-.03	-.04
6-100C	.13	.13	.13	8-80U	-.01	-.01	-.01
6-1.25L	.07	.08	.11	8-90U	.03	.03	.03
6-2.5L	-.07	-.05	-.04	8-95U	-.07	-.07	-.07
6-5L	-.09	-.09	-.07	8-100C	.13	.13	.13

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TABLE 10. - CONTINUED
(b) Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
4-90L	0.04	0.04	0.04	6-8L	-0.04	-0.04	-0.03
4-95L	.08	.07	.07	6-14L	-.10	-.10	-.08
5-0C	.58	.58	.58	6-19L	-.10	-.10	-.08
5-1.25U	-.01	-.04	-.07	6-38L	-.12	-.12	-.12
5-8U	-.12	-.14	-.16	6-44L	-.12	-.12	-.12
5-14U	-.15	-.16	-.18	6-60L	-.11	-.12	-.12
5-19U	-.19	-.21	-.22	6-70L	.01	.01	.01
5-38U	-.15	-.16	-.18	7-0C	.52	.51	.51
5-44U	-.12	-.14	-.14	7-5U	-.19	-.21	-.23
5-60U	-.14	-.15	-.15	7-8U	-.18	-.18	-.19
5-70U	-.07	-.07	-.07	7-14U	-.18	-.16	-.19
5-80U	-.05	-.07	-.07	7-19U	-.18	-.18	-.19
5-90U	.01	0	0	7-38U	-.16	-.18	-.19
5-95U	.03	.03	.03	7-60U	-.11	-.12	-.12
5-1.25L	.04	.07	.08	7-90U	0	0	0
5-2.5L	-.01	0	.01	7-95U	.07	.05	.05
5-5L	.11	.11	.10	7-1.25L	.14	.15	.18
5-8L	-.08	-.03	-.07	7-2.5L	.01	.01	.04
5-14L	-.10	-.10	-.08	7-5L	-.05	-.05	-.04
5-19L	-.12	-.14	-.12	7-8L	-.08	-.08	-.07
5-38L	-.12	-.12	-.12	7-14L	-.11	-.12	-.11
5-44L	-.11	-.11	-.11	7-19L	-.12	-.12	-.12
5-60L	-.12	-.12	-.12	7-32L	-.12	-.12	-.12
5-70L	-.03	-.03	-.03	7-44L	-.11	-.11	-.11
5-90L	.04	.04	.04	7-60L	-.10	-.10	-.10
5-95L	.08	.07	.07	7-70L	-.05	-.05	-.05
6-0C	.53	.53	.53	7-90L	.04	.04	.04
6-5U	-.18	-.19	-.21	7-95L	.08	.07	.08
6-14U	-.18	-.18	-.21	8-0C	.49	.49	.48
6-19U	0	0	0	8-1.25U	-.15	-.16	-.19
6-32U	-.12	-.14	-.15	8-2.5U	-.23	-.25	-.27
6-44U	-.12	-.12	-.14	8-5U	-.19	-.21	-.23
6-60U	-.12	-.14	-.14	8-8U	-.19	-.21	-.21
6-70U	-.11	-.11	-.12	8-14U	-.18	-.18	-.19
6-80U	-.04	-.05	-.05	8-19U	-.16	-.18	-.18
6-90U	.01	.01	.03	8-60U	-.04	-.03	-.03
6-100C	.14	.12	.12	8-80U	-.01	-.03	-.03
6-1.25L	.12	.14	.15	8-90U	.03	.03	.03
6-2.5L	-.04	-.03	0	8-95U	-.07	-.07	-.07
6-5L	-.07	-.07	-.05	8-100C	.14	.14	.14

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TABLE 10. - CONTINUED
 (b) - Continued

ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$	ORIFICE	$\delta_e = 4$	$\delta_e = 8$	$\delta_e = 12$
4-90L	0.04	0.04	0.04	6-8L	-0.03	-0.01	-0.01
4-95L	.07	.07	.07	6-14L	-.08	-.07	-.07
5-0C	.58	.55	.55	6-19L	-.08	-.07	-.07
5-1.25U	-.10	-.13	-.15	6-38L	-.12	-.11	-.11
5-8U	-.18	-.19	-.20	6-44L	-.12	-.12	-.12
5-14U	.19	.20	.22	6-60L	-.11	-.11	-.11
5-19U	-.23	-.24	-.24	6-70L	-.01	-.01	-.01
5-38U	-.13	-.19	-.19	7-0C	.49	.47	.46
5-44U	-.14	-.15	-.15	7-5U	-.23	-.26	-.27
5-60U	-.16	-.16	-.16	7-8U	-.21	-.22	-.22
5-70U	-.08	-.08	-.08	7-14U	-.19	-.20	-.20
5-80U	-.07	-.07	-.07	7-19U	-.19	-.20	-.20
5-90U	0	0	0	7-38U	-.19	-.20	-.20
5-95U	.03	.03	.03	7-60U	-.12	-.13	-.13
5-1.25L	.10	.13	.15	7-90U	0	0	0
5-2.5L	.03	.05	.07	7-95U	.05	.05	.05
5-5L	-.08	-.07	-.05	7-1.25L	.18	.20	.22
5-8L	-.07	-.05	-.05	7-2.5L	.04	.07	.08
5-14L	-.07	-.07	-.05	7-5L	-.03	-.01	0
5-19L	-.12	-.11	-.11	7-8L	-.07	-.05	-.04
5-38L	-.12	-.11	-.11	7-14L	-.10	-.09	-.09
5-44L	-.11	-.11	-.09	7-19L	-.11	-.11	-.11
5-60L	-.12	-.12	-.12	7-32L	-.11	-.11	-.11
5-70L	-.01	-.01	-.01	7-44L	-.10	-.09	-.09
5-90L	.04	.04	.04	7-60L	-.10	-.09	-.08
5-95L	.07	.07	.07	7-70L	-.05	.05	.05
6-0C	.53	.53	.51	7-90L	.04	.04	.04
6-5U	-.22	-.24	-.26	7-95L	.08	.08	.08
6-14U	-.21	-.22	-.22	8-0C	.47	.45	.45
6-19U	0	0	0	8-1.25U	-.21	-.23	-.24
6-32U	-.15	-.16	-.18	8-2.5U	-.27	-.30	-.31
6-44U	-.14	-.15	-.15	8-5U	-.23	-.24	-.26
6-60U	-.14	-.13	-.13	8-8U	-.22	-.23	-.23
6-70U	-.12	-.12	-.12	8-14U	-.19	-.20	-.20
6-80U	-.05	-.05	-.05	8-19U	-.18	-.19	-.19
6-90U	.03	.03	.03	8-60U	-.03	-.03	-.03
6-100C	.12	.12	.12	8-80U	-.03	-.03	-.03
6-1.25L	.16	.19	.20	8-90U	.03	.03	.03
6-2.5L	0	.03	.03	8-95U	-.07	.07	.07
6-5L	-.04	-.03	-.01	8-100C	.14	.13	.13

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TABLE 10. - CONTINUED
 (b) - Continued

ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$	ORIFICE	$\delta_e = 16$	$\delta_e = 20$	$\delta_e = 24$
4-90L	.04	.04	.04	6-8L	0	0	0
4-95L	.07	.07	.07	6-14L	-.07	-.07	-.07
5-OC	.56	.55	.54	6-19L	-.07	-.07	-.07
5-1.25U	-.16	-.19	-.22	6-38L	-.11	-.11	-.11
5-8U	-.21	-.22	-.23	6-44L	-.12	-.11	-.11
5-14U	-.22	-.23	-.24	6-60L	-.11	-.11	-.11
5-19U	-.26	-.26	-.27	6-70L	0	0	0
5-38U	-.19	-.20	-.20	7-OC	.47	.45	.43
5-44U	-.16	-.16	-.18	7-5U	-.27	-.28	-.28
5-60U	-.18	-.18	-.18	7-8U	-.23	-.23	-.23
5-70U	-.08	-.08	-.09	7-14U	-.21	-.20	-.20
5-80U	-.07	-.08	-.08	7-19U	-.21	-.20	-.20
5-90U	0	0	-.01	7-38U	-.21	-.20	-.20
5-95U	.03	.03	.03	7-60U	-.14	-.13	-.13
5-1.25L	.15	.16	.18	7-90U	0	0	0
5-2.5L	.07	.08	.09	7-95U	.07	.07	.05
5-5L	.05	.04	-.03	7-1.25L	.22	.23	.24
5-8L	-.04	-.04	-.04	7-2.5L	.08	.09	.11
5-14L	-.05	-.05	-.04	7-5L	0	0	.01
5-19L	-.11	-.09	-.09	7-8L	-.04	-.04	-.03
5-38L	-.11	-.11	-.11	7-14L	-.08	-.08	-.07
5-44L	-.10	-.09	-.09	7-19L	-.10	-.09	-.09
5-60L	-.12	-.12	-.12	7-32L	-.11	-.09	-.09
5-70L	-.01	-.01	-.01	7-44L	-.10	-.09	-.09
5-90L	.04	.04	.04	7-60L	-.10	-.08	-.08
5-95L	.07	.07	.07	7-70L	.05	.05	.05
6-OC	.53	.51	.51	7-90L	.04	.04	.04
6-5U	-.26	-.27	-.28	7-95L	.08	.08	.08
6-14U	-.23	-.24	-.24	8-OC	.42	.42	.41
6-19U	0	0	0	8-1.25U	-.26	-.27	-.28
6-32U	-.18	-.18	-.19	8-2.5U	-.33	-.34	-.34
6-44U	-.15	-.16	-.16	8-5U	-.27	-.27	-.27
6-60U	-.14	-.15	-.15	8-8U	-.23	-.24	-.24
6-70U	-.12	-.12	-.12	8-14U	-.21	-.20	-.20
6-80U	-.05	-.05	-.05	8-19U	-.19	-.19	-.19
6-90U	.03	.03	.03	8-60U	-.03	-.03	-.01
6-100C	.14	.12	.13	8-80U	-.03	-.03	-.03
6-1.25L	.21	.22	.23	8-90U	.03	.03	.03
6-2.5L	.04	.05	.07	8-95U	-.07	-.07	-.07
6-5L	-.01	0	0	8-100C	.14	.13	.13

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TABLE 10. - CONTINUED
(b) Continued

ORIFICE	$\delta_e = -32$	$\delta_e = -28$	$\delta_e = -24$	ORIFICE	$\delta_e = -32$	$\delta_e = -26$	$\delta_e = -24$
8-1.25L	+0.07	0.08	0.08	11-32U	-0.07	-0.07	-0.08
8-2.5L	0	.02	.01	12-32U	-0.04	-.04	-0.04
8-5L	-.07	-.07	-.05	TIP-32C	-.05	-.05	-.05
8-8L	-.11	-.09	-.09	11-32L	-.08	-.08	-.08
8-14L	-.11	-.11	-.11	10-32L	-.09	-.09	-.09
8-19L	-.09	-.09	-.09	10-70U	-.01	-.01	-.03
8-32L	-.08	-.08	-.08	11-70U	.01	0	0
8-38L	-.08	-.08	-.08	12-70U	.04	.04	.04
8-44L	-.09	-.09	-.09	TIP-70C	.03	.03	.03
8-60L	-.05	-.07	-.05	12-70L	.04	.03	.04
8-95L	.09	.09	.09	11-70L	.01	.01	.01
9-0C	.54	.54	.54	10-70L	-.01	-.01	-.01
9-1.25U	-.03	-.04	-.05	FIN-1	-.09	-.09	-.09
9-2.5U	-.12	-.13	-.13	FIN-2	-.36	-.36	-.35
9-5U	-.13	-.15	-.15	FIN-3	-.49	-.47	-.47
9-14U	-.16	-.16	-.18	FIN-4	-.	-.46	-.45
9-19U	-.15	-.15	-.15	FIN-5	-.24	-.24	-.24
9-32U	-.13	-.13	-.13	FIN-6	-.16	-.18	-.16
9-44U	-.08	-.08	-.08	FIN-7	-1.04	-1.05	-1.05
9-70U	.03	.01	.01	FIN-8	-.42	-.42	-.42
9-80U	.03	.03	.03	FIN-9	-.26	-.26	-.26
9-100C	.13	.13	.13	FIN-10	-.22	-.22	-.22
9-1.25L	.05	.07	.07	FIN-11	-.15	-.15	-.15
9-5L	-.04	-.04	-.04	FIN-12	-.11	-.11	-.11
9-8L	-.09	-.09	-.09	FIN-13	-1.07	-1.07	-1.05
9-14L	-.11	-.09	-.09	FIN-14	-.42	-.43	-.42
9-19L	-.11	-.09	-.09	FIN-15	-.16	-.16	-.16
9-32L	-.12	-.12	-.12	FIN-16	-.09	-.09	-.09
9-38L	-.08	-.08	-.09	FIN-17	-.09	-.11	-.09
9-44L	-.05	-.05	-.05	FIN-18	-.08	-.08	-.08
9-70L	-.01	-.01	-.01	FIN-19	-.09	-.09	-.09
9-90L	.08	.08	.08	FIN-20	-.05	-.05	-.05
9-95L	.15	.15	.15	FIN-21	-.15	-.15	-.15
2S-60U	-.15	-.15	-.15	FIN-22	-.09	-.09	-.09
2S-60L	-.08	-.08	-.08	FIN-23	-.05	-.07	-.07
5S-60U	-.05	-.07	-.07	FIN-24	.03	.03	.03
5S-60L	-.05	-.07	-.07	FIN-25	-.20	-.20	-.20
8S-60U	-.09	-.09	-.09	FIN-26	-.13	-.13	-.13
8S-60L	-.05	-.05	-.05	FIN-27	-.08	-.07	-.07
10-32U	.03	.03	.03	FIN-28	-.05	-.05	-.05

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TABLE 10. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$	ORIFICE	$\delta_e = -20$	$\delta_e = -16$	$\delta_e = -12$
8-1.25L	0.11	0.11	0.12	11-32U	-0.08	-0.08	-0.08
8-2.5L	.04	.04	.05	12-32U	-.05	-.04	-.04
8-5L	-.05	-.05	-.04	TIP-32C	-.05	-.07	-.07
8-8L	-.08	-.08	-.08	11-32L	-.08	-.08	-.08
8-14L	-.09	-.09	-.09	10-32L	-.09	-.09	-.09
8-19L	-.09	-.09	-.09	10-70U	-.03	-.03	-.03
8-32L	-.08	-.08	-.08	11-70U	0	.01	0
8-38L	-.08	-.08	-.08	12-70U	.04	.03	.03
8-44L	-.09	-.09	-.09	TIP-70C	.03	.03	.03
8-60L	-.07	-.07	-.07	12-70L	.03	.03	.03
8-95L	.08	.08	.08	11-70L	0	0	0
9-0C	.54	.54	.53	10-70L	-.01	-.01	-.01
9-1.25U	-.08	-.08	-.11	FIN-1	-.09	-.09	-.09
9-2.5U	-.16	-.16	-.19	FIN-2	-.36	-.36	-.36
9-5U	-.18	-.18	-.19	FIN-3	-.49	-.49	-.49
9-14U	-.18	.19	.19	FIN-4	-.46	-.46	-.46
9-19U	.16	.16	.16	FIN-5	-.24	-.23	-.24
9-32U	-.13	-.15	-.15	FIN-6	-.18	-.18	-.18
9-44U	-.08	-.09	-.09	FIN-7	-1.08	-1.11	-1.12
9-70U	.01	.01	.01	FIN-8	-.43	-.45	-.45
9-80U	.01	.01	.01	FIN-9	-.26	-.26	-.26
9-100C	.13	.13	.13	FIN-10	-.22	-.22	-.22
9-1.25L	.08	.09	.11	FIN-11	-.15	-.15	-.15
9-5L	-.03	-.01	-.01	FIN-12	-.11	-.11	-.11
9-8L	-.08	-.08	-.08	FIN-13	-1.10	-1.14	-1.15
9-14L	.09	.09	.09	FIN-14	-.43	-.45	-.45
9-19L	-.09	-.09	-.09	FIN-15	-.16	-.16	-.16
9-32L	-.12	-.12	-.12	FIN-16	-.09	-.09	-.09
9-38L	.08	-.08	-.09	FIN-17	-.11	-.11	-.09
9-44L	-.05	-.05	-.05	FIN-18	-.08	-.08	-.08
9-70L	-.01	-.01	-.03	FIN-19	-.09	-.09	-.09
9-90L	.08	.08	.08	FIN-20	-.05	-.05	-.05
9-95L	.15	.15	.13	FIN-21	-.15	-.15	-.15
2S-60U	-.16	-.16	-.18	FIN-22	-.09	-.09	-.09
2S-60L	-.08	-.08	-.08	FIN-23	-.07	-.07	-.07
5S-60U	-.07	-.07	-.08	FIN-24	.03	.04	.03
5S-60L	-.07	-.07	-.07	FIN-25	-.20	-.20	-.20
8S-60U	-.11	-.11	-.11	FIN-26	-.13	-.13	-.13
8S-60L	-.05	-.05	-.05	FIN-27	-.07	-.07	-.08
10-32U	.03	.03	.03	FIN-28	-.05	-.05	-.05

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TABLE 10. - CONTINUED
 (b) - Continued

ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$	ORIFICE	$\delta_e = -8$	$\delta_e = -4$	$\delta_e = 0$
8-1.25L	0.15	0.14	0.16	11-32U	-0.08	-0.10	-0.08
8-2.5L	.07	.05	.08	12-32U	-.05	-.07	-.05
8-5L	-.03	-.04	-.01	TIP-32C	-.07	-.08	-.08
8-8L	-.07	-.08	-.07	11-32L	-.09	-.11	-.10
8-14L	-.09	-.11	-.08	10-32L	-.09	-.11	-.11
8-19L	-.09	-.11	-.10	10-70U	-.01	-.04	-.03
8-32L	.08	.10	.08	11-70U	0	-.01	0
8-38L	-.08	-.10	-.08	12-70U	.03	.01	.01
8-44L	-.09	-.11	-.10	TIP-70C	.04	.03	.03
8-60L	-.07	-.10	-.08	12-70L	.03	.01	.01
8-95L	.09	.07	.08	11-70L	0	-.01	-.01
9-OC	.53	.52	.51	10-70L	-.03	-.04	-.03
9-1.25U	-.13	-.15	-.16	FIN-1	-.09	-.11	-.11
9-2.5U	-.20	-.22	-.23	FIN-2	-.38	-.38	-.38
9-5U	-.20	-.22	-.22	FIN-3	-.50	-.51	-.49
9-14U	.19	.21	.20	FIN-4	-.46	-.48	-.46
9-19U	.18	.19	.19	FIN-5	-.26	-.26	-.26
9-32U	-.15	-.16	-.16	FIN-6	-.18	-.19	-.18
9-44U	-.09	-.11	-.11	FIN-7	-.1.16	-.1.16	-.1.15
9-70U	.01	0	.01	FIN-8	-.46	-.42	-.46
9-80U	.01	0	.01	FIN-9	-.27	-.29	-.27
9-100C	.13	.12	.12	FIN-10	-.23	-.25	-.23
9-1.25L	.12	.12	.15	FIN-11	-.15	-.16	-.15
9-5L	-.01	-.01	0	FIN-12	-.11	-.12	-.11
9-8L	-.07	-.08	-.07	FIN-13	.18	-.1.19	-.1.20
9-14L	-.08	-.10	-.08	FIN-14	-.46	-.48	-.46
9-19L	-.09	-.11	-.09	FIN-15	-.18	-.19	-.18
9-32L	-.12	-.14	-.12	FIN-16	-.11	-.12	-.11
9-38L	-.09	-.11	-.09	FIN-17	-.11	-.12	-.11
9-44L	-.05	-.07	-.05	FIN-18	-.08	-.10	-.09
9-70L	-.03	-.04	-.03	FIN-19	-.09	-.11	-.11
9-90L	.08	.05	.07	FIN-20	-.07	-.08	-.07
9-95L	.13	.12	.13	FIN-21	-.15	-.16	-.15
2S-60U	-.18	-.21	-.20	FIN-22	-.09	-.11	-.09
2S-60L	-.08	-.11	-.09	FIN-23	-.07	-.08	-.07
5S-60U	-.08	-.10	-.09	FIN-24	.03	.01	.03
5S-60L	.35	-.08	-.08	FIN-25	-.20	-.22	-.22
8S-60U	-.12	-.12	-.12	FIN-26	-.13	-.15	-.13
8S-60L	-.05	-.07	-.07	FIN-27	-.07	-.10	-.08
10-32U	.03	.03	.03	FIN-28	-.05	-.08	-.07

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TABLE 10. - CONTINUED
(b) - Continued

ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$	ORIFICE	$\delta_e=4$	$\delta_e=8$	$\delta_e=12$
8-1.25L	0.18	0.18	0.19	11-32U	-0.08	-0.11	-0.11
8-2.5L	.08	.10	.10	12-32U	-.05	-.08	-.08
8-5L	0	-.01	-.01	TIP-32C	-.08	-.11	-.11
8-8L	-.05	-.07	-.07	11-32L	-.09	-.11	-.11
8-14L	-.08	-.10	-.10	10-32L	-.09	-.11	-.11
8-19L	-.09	-.11	-.11	10-70U	-.03	-.04	-.04
8-32L	-.08	-.10	-.10	11-70U	0	-.01	-.01
8-38L	-.08	-.10	-.10	12-70U	.01	0	0
8-44L	-.09	-.11	-.11	TIP-70C	.03	.01	.03
8-60L	-.09	-.11	-.11	12-70L	.01	0	0
8-95L	.08	.07	.07	11-70L	-.01	-.03	-.04
9-0C	.51	.49	.49	10-70L	-.03	-.05	-.04
9-1.25U	-.18	-.22	-.22	FIN-1	-.11	-.12	-.12
9-2.5U	-.24	-.27	-.29	FIN-2	-.39	-.41	-.41
9-5U	-.23	-.26	-.27	FIN-3	-.51	-.53	-.52
9-14U	-.22	-.23	-.25	FIN-4	-.46	-.48	-.48
9-19U	-.19	-.22	-.22	FIN-5	-.26	-.26	-.26
9-32U	-.16	-.18	-.18	FIN-6	-.18	-.19	-.19
9-44U	-.11	-.12	-.12	FIN-7	.12	-1.29	-1.30
9-70U	.01	0	0	FIN-8	-.47	-.49	-.51
9-80U	.01	0	0	FIN-9	-.27	-.29	-.15
9-100C	.13	.12	.11	FIN-10	-.23	-.25	-.25
9-1.25L	.15	.15	.16	FIN-11	-.16	-.16	-.18
9-5L	0	0	0	FIN-12	-.11	-.12	-.12
9-8L	-.07	-.07	-.07	FIN-13	-1.29	-1.36	-1.36
9-14L	-.08	.10	-.10	FIN-14	-.47	-.51	-.51
9-19L	-.09	-.10	-.10	FIN-15	-.18	-.19	-.19
9-32L	-.12	-.14	-.14	FIN-16	-.11	-.12	-.12
9-38L	-.10	-.11	-.11	FIN-17	-.11	-.12	-.12
9-44L	-.05	-.07	-.07	FIN-18	-.09	-.11	-.11
9-70L	-.03	-.04	-.04	FIN-19	-.11	-.12	-.12
9-90L	.07	.05	.05	FIN-20	-.07	-.08	-.08
9-95L	.13	.12	.12	FIN-21	-.15	-.16	-.18
2S-60U	-.20	-.23	-.25	FIN-22	-.11	-.11	-.12
2S-60L	-.11	-.12	-.12	FIN-23	-.07	-.08	-.10
5S-60U	-.09	-.11	-.12	FIN-24	.03	.01	.03
5S-60L	-.07	-.10	-.10	FIN-25	-.22	-.23	-.23
8S-60U	-.13	.15	.15	FIN-26	-.13	-.16	-.16
8S-60L	-.07	-.08	-.08	FIN-27	-.08	-.10	-.10
10-32U	.03	.03	.03	FIN-28	-.07	-.08	.08

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TABLE 10. - Concluded

ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$	ORIFICE	$\delta_e=16$	$\delta_e=20$	$\delta_e=24$
8-1.25L	0.20	0.19	0.21	11-32U	-0.09	-0.11	-0.11
8-2.5L	.12	.11	.12	12-32U	-.07	-.08	-.10
8-5L	.03	0	0	TIP-32C	-.09	-.11	-.12
8-8L	-.04	-.05	-.05	11-32L	-.11	-.12	-.12
8-14L	-.08	-.08	-.08	10-32L	-.11	-.12	-.12
8-19L	-.09	-.11	-.11	10-70U	-.03	-.04	-.04
8-32L	-.08	-.10	-.10	11-70U	0	-.01	-.01
8-38L	-.08	-.10	-.10	12-70U	0	-.01	-.01
8-44L	-.09	-.11	-.11	TIP-70C	.04	.01	.03
8-60L	-.09	-.12	-.12	12-70L	0	-.01	-.01
8-95L	.08	.07	.07	11-70L	-.03	-.04	-.05
9-0C	.49	.48	.47	10-70L	-.04	-.05	-.05
9-1.25U	-.23	-.26	-.27	FIN-1	-.11	-.12	-.12
9-2.5U	-.28	-.31	-.31	FIN-2	-.41	-.41	-.44
9-5U	-.26	-.29	-.29	FIN-3	-.53	-.53	-.56
9-14U	-.09	.26	-.26	FIN-4	-.46	-.48	-.49
9-19U	-.20	-.22	-.23	FIN-5	-.24	-.26	-.26
9-32U	-.18	-.19	-.19	FIN-6	-.18	-.19	-.19
9-44U	-.12	-.14	-.14	FIN-7	-.1.30	-.1.30	-.1.40
9-70U	.01	0	0	FIN-8	-.49	-.51	-.52
9-80U	.01	0	0	FIN-9	-.27	-.29	-.30
9-100C	.12	.11	.11	FIN-10	-.24	-.26	-.26
9-1.25L	.18	.18	.18	FIN-11	-.16	-.18	-.18
9-5L	.01	.01	.01	FIN-12	-.12	-.14	-.14
9-8L	-.05	-.07	-.05	FIN-13	-.1.38	-.1.37	-.1.48
9-14L	-.08	-.08	-.08	FIN-14	-.50	-.51	-.55
9-19L	-.08	-.10	-.10	FIN-15	-.19	-.21	-.21
9-32L	-.12	-.14	-.14	FIN-16	-.11	-.12	-.12
9-38L	-.09	-.11	-.11	FIN-17	-.11	-.14	-.14
9-44L	-.05	-.07	-.07	FIN-18	-.09	-.11	-.11
9-70L	-.03	-.05	-.05	FIN-19	-.11	-.12	-.12
9-90L	.07	.05	.05	FIN-20	-.07	-.10	-.08
9-95L	.13	.12	.12	FIN-21	-.16	-.18	-.18
2S-60U	-.24	-.26	-.27	FIN-22	-.11	-.12	-.12
2S-60L	-.11	-.14	-.14	FIN-23	-.08	-.10	-.10
5S-60U	-.11	-.14	-.14	FIN-24	.04	.01	.03
5S-60L	-.08	-.10	-.10	FIN-25	-.22	-.25	-.25
8S-60U	-.13	-.16	-.16	FIN-26	-.15	-.16	-.16
8S-60L	-.07	-.08	-.08	FIN-27	-.08	-.11	-.11
10-32U	.03	.01	.03	FIN-28	-.07	-.10	-.10

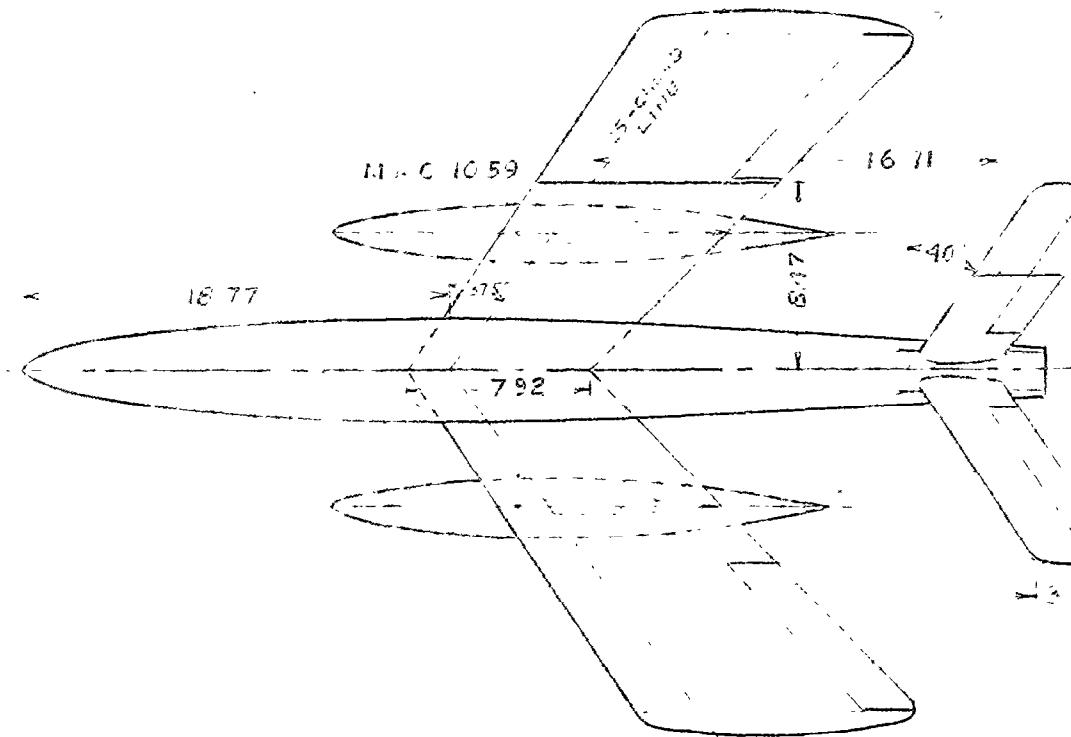
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FIGURE LEGENDS

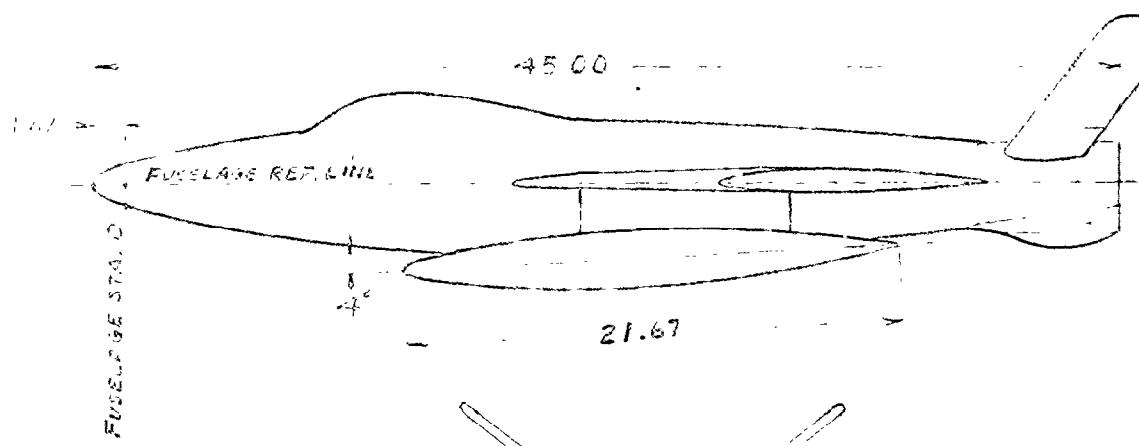
- Figure 1.- Three-view sketch of the model of the Republic XF-91.
- Figure 2.- Location of the orifices on the tank, tank-strut fairing, and wing.
- Figure 3.- Locations of the fuselage orifices.
- Figure 4.- Location of the orifices on the left stabilizer and eлерudder.
- Figure 5.- Orifice locations on the ventral fin.
- Figure 6.- Angle-of-attack correction curve.

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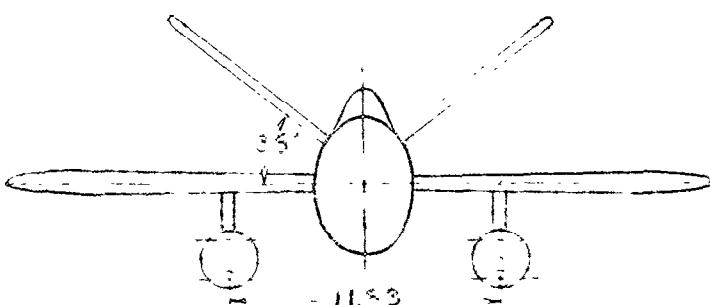
- 12.85



- 45.00 - - -



35°
- 11.83 -



31.33 - - -

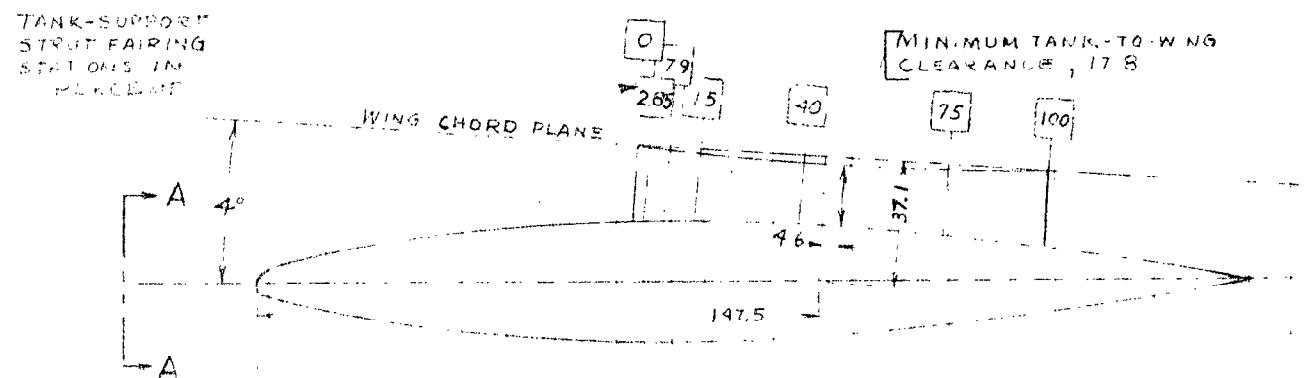
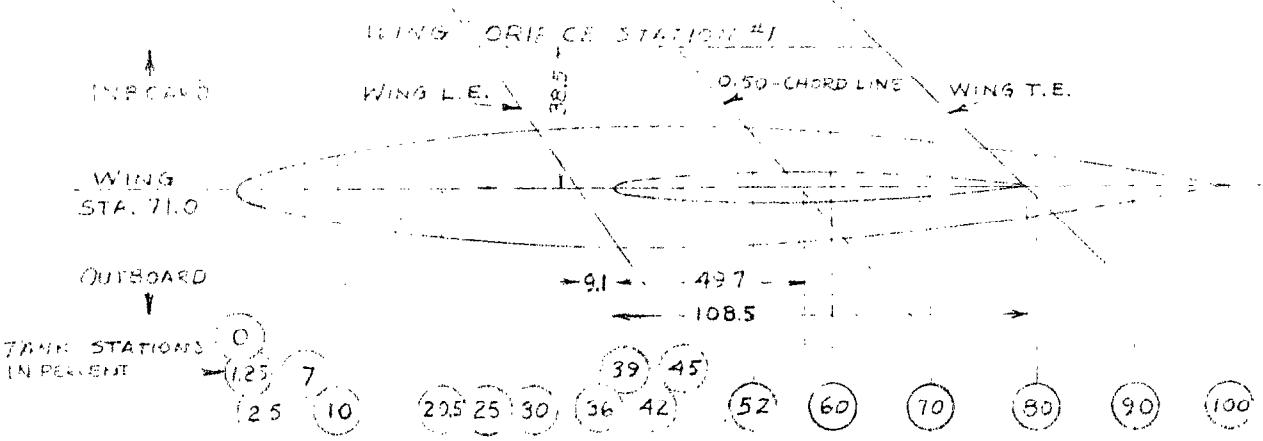
CLIMB RATE 2000 FT/MIN. CLIMB RATE 2000 FT/MIN.

CLIMB RATE 2000 FT/MIN. CLIMB RATE 2000 FT/MIN.

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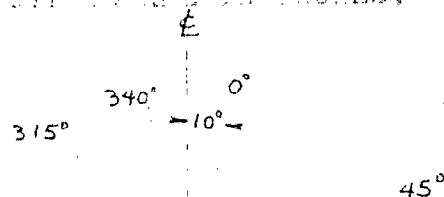
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RM No. SA9C25

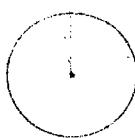


TANK STATIONS (IN PERCENT)
0 1 53.6 93.6 135.2 208.0
3 2 65.0 101.4 156.0 234.0
6 5 78.0 109.2 182.0 260.0
18.2 117.0
26.0

WING CHORD LENGTH: 147.5 INCHES.



270°



90°

225°

135°

180°

VIEW A ~ A



NOTE: ALL DIMENSIONS ARE IN INCHES.

FIGURE 7a - LOCATIONS OF THE FAIRINGS OF FIG. 7.

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AIRSTRAP

STA 8/2

#1

23 29 #3 27 26 25 #4 23 22 STA 2

L.E.

33

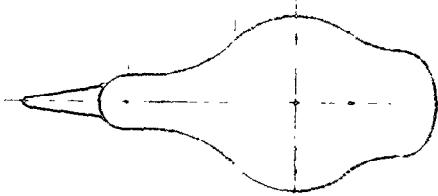
T.E.

$\Delta 145.0$ $\Delta 127.6$ $\Delta 94.8$ $\Delta 63.7$ $\Delta 31.4$ $\Delta 16.7$ STA
 $\Delta 146.3$ $\Delta 137.0$ $\Delta 114.8$ $\Delta 96.7$ $\Delta 60.7$ $\Delta 0$ LOU
 $\Delta 145.3$ $\Delta 102.1$

Δ 143.7 Δ

FUSELAGE
STA. IN 403.5 431.0 457.0 472.7 (493.0) 503.0.
WATER LINE
(FUSELAGE REF LINE)

5220



ORIFICE
NO.
12 20 24 28
11 19 23 27
10 18 22 26
9 17 21 25
8 16 20
7 15
6 14
5 13

5220 5225

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RM NO. SA9C25

0 10 20 30 40 50 60
GEO. LATITUDE AND LONG. OF ATTACK, °, DEG.

10 20 30 40 50 60
TAKEN FROM ATTACK CORRECTION SURVEY

CONTINUED ON REVERSE SIDE

NO INFORMATION FOR THIS LINE

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